



Stakeholder Advisory Committee (SHAC)

March 22, 2023, 9:00 a.m. to 11:00 p.m.

Location:

Butte County Chico Library
1108 Sherman Avenue, Chico CA
And Online Via Zoom (LISTEN/VIEW ONLY)

Please use the following information to remotely view the Vina GSA SHAC meeting online using the Zoom platform. ***Pursuant to recent changes to the Brown Act Teleconferencing Rules, no public comments or questions will be taken online.***

ACCESSING THE ONLINE MEETING (Viewing/Listening Only)

The public may listen to the Vina Stakeholder Advisory Committee (SHAC) Meetings via landline or mobile telephone or via computer, with both video and audio enabled or audio only. Here are two methods for joining the meeting:

1) **Easiest Option: One-Click to Join:**

<https://us02web.zoom.us/j/82598978298>

2) **... or call in by phone:** One-Tap Mobile 16699006833,,82598978298#

Or

Manually Dial: then enter Meeting ID

Phone: +1 669 900 6833

Meeting ID: 825 9897 8298

PUBLIC COMMENT INFORMATION:

Public comment will be accepted in-person at the meeting or may be submitted by email prior to the meeting to VINAGSAPUBLICCOMMENTS@CHICOCA.GOV. A time limit of three (3) minutes per speaker on all items and an overall time limit of thirty minutes for agenda items has been established. If more than 10 speakers are present, the time limitation may be reduced to one and a half minutes per speaker.

When submitting public comment via email, please indicate the item number your comment corresponds to in the subject line. Comments submitted will be sent to the SHAC members electronically prior to the start of the meeting. Email comments will be acknowledged and read into the record by name only during the public comment period for each agenda item. Emailed comments received prior to the end of the meeting will be made part of the written record but not acknowledged at the meeting.



Stakeholder Advisory Committee (SHAC)

March 22, 2023, 9:00 a.m. to 11:00 p.m.

Location:

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1108 Sherman Avenue, Chico CA
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MEETING AGENDA

1. CALL TO ORDER and ROLL CALL

2. BUSINESS FROM THE FLOOR

The public and SHAC members will have an opportunity to comment on items not on the agenda and that are relevant to the SHAC. Committee members and Management Committee staff are not required to respond to any issues raised during the public comment period. Commenters are asked to respect differing perspectives and to keep remarks within three minutes.

3. *REVIEW AND APPROVAL OF 10/26/22 SHAC MEETING MINUTES

4. *REVIEW OF FUNDING OPTIONS APPROVED BY THE BOARD AND OTHER FACTORS THAT SHOULD BE CONSIDERED IN DEVELOPING A LONG-TERM FEE

Possible Action: Recommendations regarding considerations for the Vina GSA Fee.

5. *DISCUSSION AND POSSIBLE RECOMMENDATION ON OUTREACH MATERIALS FOR LONGTERM FUNDING PROJECT

Possible Action: Recommendations on outreach materials

6. *UPDATE ON FUNDING PURSUITS FOR VINA GSP PROJECTS AND MANAGEMENT ACTIONS

Action: None this is an informational item only.

7. MANAGEMENT COMMITTEE UPDATES (Verbal Report)

- a. *SHAC 2023 Meeting Calendar

8. *CORRESPONDENCE

- a. *Email Regarding Governor Executive Order No. N-4-23 Re: Floodwater Recharge

9. ADJOURNMENT

The Committee will adjourn to their next meeting, Wednesday, April 26, 2023

*Materials included in Agenda Packet.

**MINUTES OF THE
VINA STAKEHOLDER ADVISORY COMMITTEE (SHAC)
REGULAR MEETING**

Meeting of
October 26, 2022, 9:00 a.m.

**BUTTE COUNTY PUBLIC WORKS BUILDING
44 BELLARMINE CT. CHICO CA 95928
AND VIA ZOOM**

1. **CALL TO ORDER** – Meeting was called to order by Chair Lewis at 9:07 a.m.

2. **ROLL CALL**

SHAC Committee Members Present:

Jim Brobeck
Anne Dawson
Greg Sohnrey
Todd Greene
Samantha Lewis
Joanne Parsley
Bruce Smith

Committee Members Absent: Sam Geopp, Evan Markey, and Chris Madden

Member Agency Staff Present:

Christina Buck and Kamie Loeser (Butte County Department of Water & Resource Conservation (BCDWRC),
Linda Herman (City of Chico).

3. **BUSINESS FROM THE FLOOR**

Members of the public may address the Board at this time on any matter not already listed on the agenda; comments are limited to three minutes. The Board cannot take any action at this meeting on requests made under this section of the agenda.

No public comments were received.

4. **REVIEW AND APPROVAL OF 7/27/22 SHAC MEETING MINUTES**

The SHAC had no changes to the July 27, 2022 Meeting Minutes.

No public comments were received.

Motion made by SHAC member Brobeck to approve the Meeting Minutes; seconded by SHAC member Sohnrey. Motion carried as follows:

AYES: Committee Members Brobeck, Dawson, Greene, Sohnrey, Parsley, Smith, , and Chair Lewis.
NOES: None.
ABSTAIN: None.
ABSENT: Vice-Chair Goepp, Committee Members Markey and Madden

**** SHAC MEMBER MADDEN JOINED THE MEETING AT 9:18 A.M. ****

5. **DISCUSSION AND POSSIBLE RECOMMENDATION ON PROJECT PRIORITIZATION AND PROJECTS TO INCLUDE IN SGM GRANT PROGRAM APPLICATION (Report - Management Committee)**

Management Committee members Buck and Loeser and the consultants led a detailed discussion of the Vina Groundwater Sustainability Plan (GSP) projects and activities that are being proposed by the Committee to be included in the Sustainable Groundwater Management (SGM) Grant Program funding application.

There was much discussion regarding the number of projects being considered for the grant application and also about combining some of the projects. SHAC members also asked questions about what projects are ongoing tasks that will need continued funding. Potential alternative funding outside of this grant was also discussed.

*****ANNE DAWSON LEFT THE MEETING AT 10:15 A.M. AND REJOINED ONLINE LATER.*****

Members of the public who commented on this agenda item were Tovey Giezentanner

The SHAC members also conducted a ranking exercise using worksheets to individually rank the projects in order of highest to lowest priority, 1 being top priority and 16 being lowest, with the exception of Grant Agreement Administration which was not ranked and will be included in the grant application. GSA staff tallied the votes at the meeting.

*****SHAC MEMBER SMITH LEFT THE MEETING AT 11:20 A.M.*****

Jim Brobeck moved that the SHAC approve the following projects and ranking in order of highest to lowest priority for inclusion in the SGM grant application:

1. Combined projects 2, 5, and 3: Data Management System, Monitoring Network Enhancements, and Community Monitoring; Domestic Well Survey.
2. Combined projects 1 and 4: GSP Implementation, Outreach, and Compliance Activities, Interconnected Surface Water (ISW)/ Associated Impacts on Groundwater Dependent Ecosystems
3. Combined projects 7 and 6: Project and Management Action Implementation and Inter-basin Coordination Activities
4. Extend Orchard Replacement
5. Lindo Channel Surface Water Recharge Implementation
6. Agricultural Surface Water Supplies
7. Domestic Well Mitigation
8. Agricultural Irrigation Efficiency
9. Expansion of Water Purveyors' Service Area
10. Sand Creek Flood MAR/Ag MAR Project Phase 2
11. Well Permitting Ordinance
12. Groundwater Recharge Feasibility Analysis and Site Evaluation

SHAC members Parsley and Dawson both seconded the motion. Motion carried as follows:

AYES: Committee Members Brobeck, Dawson, Greene, Madden, Parsley, Sohnrey, and Chair Lewis.
NOES: None.
ABSTAIN: None.
ABSENT: Committee Members Geopp, Smith and Markey

6. MANAGEMENT COMMITTEE UPDATE (Verbal Report - Kamie Loeser, Management Committee) - **NONE**

7. CORRESPONDENCE –There was no correspondence.

8. ADJOURNMENT

A motion was made by SHAC member Sohnrey to adjourn the meeting at 11:55 a.m. to the next meeting in January 2023 or another date to be determined. The motion was seconded by SHAC Member Brobeck.

Motion carried as follows:

AYES: Committee Members Brobeck, Dawson, Greene, Sohnrey, Madden, Parsley, and Chair Lewis.
NOES: None
ABSTAIN: None
ABSENT: Committee Members Geopp, Markey, and Smith.



AGENDA ITEM 4

Vina GSA SHAC Meeting Long Term Funding Project Presentation

Eddy Teasdale and Jacques DeBra, LSCE

March 22, 2023



Vina GSA SHAC Meeting Agenda – 2023 Long Term Fee Project

FEE PROJECT


- Review Updated GSA Revenue Projections (Feb./Mar. Board Mtgs.)
 - Base Case: assume no DWR SGMA Grant Funding
 - Best Case: assume DWR SGMA Grant Funding
- Discuss GSA Board Fee Options (Mar. Board Mtg.)
- Provide input on fee considerations and outreach
- Next Steps

Vina GSA SHAC Meeting Agenda – 2023 Long Term Fee Project

FEE PROJECT NEED

- Goal: establish long term funding source for GSP implementation and SGMA compliance activities during 2024-2028 period
- Current funding sources not available to cover future GSA costs
 - DWR SGMA Planning Grant - \$1.49M (expended)
 - Member contributions – not sustainable
 - County funding ends July 2023

Vina GSA – Long Term Fee Project Schedule

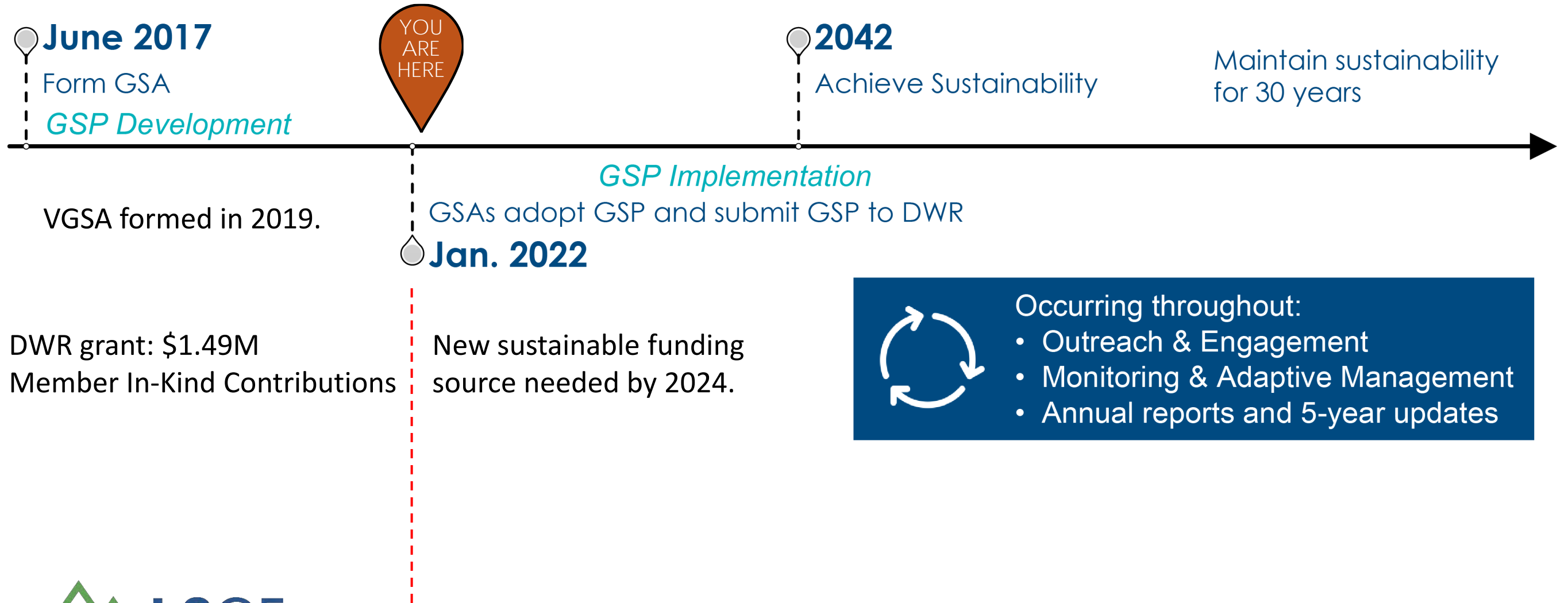
Vina GSA 2023 Long Term Funding Project - Primary Milestones								
Project Tasks	Jan	Feb	Mar	Apr	May	June	July	August
VGSA Project Outreach	>>>>>>>>>	Develop Outreach	Public Workshop	Update Outreach	Public Notice	>>>>>>>>>	Public Hearing	>>>>>>>>>
VGSA Board Meetings		B	B	B	B		B	
VGSA SHAC Meetings			SHAC 	SHAC				
Project Development								
Update Revenue Projections	Develop	Draft	Final					
Evaluation Fee Options		Develop	Draft	Final				
Prepare Options TM			Develop	Final				
Prepare/Approve Fee Report				Develop	Final			
Approve Proposed Fees								
Tax Roll Data To Assessor								8/10/2023

B = VGSA Board Meeting

SHAC = SHAC Meeting

Vina GSA – Long-Term Funding Strategy

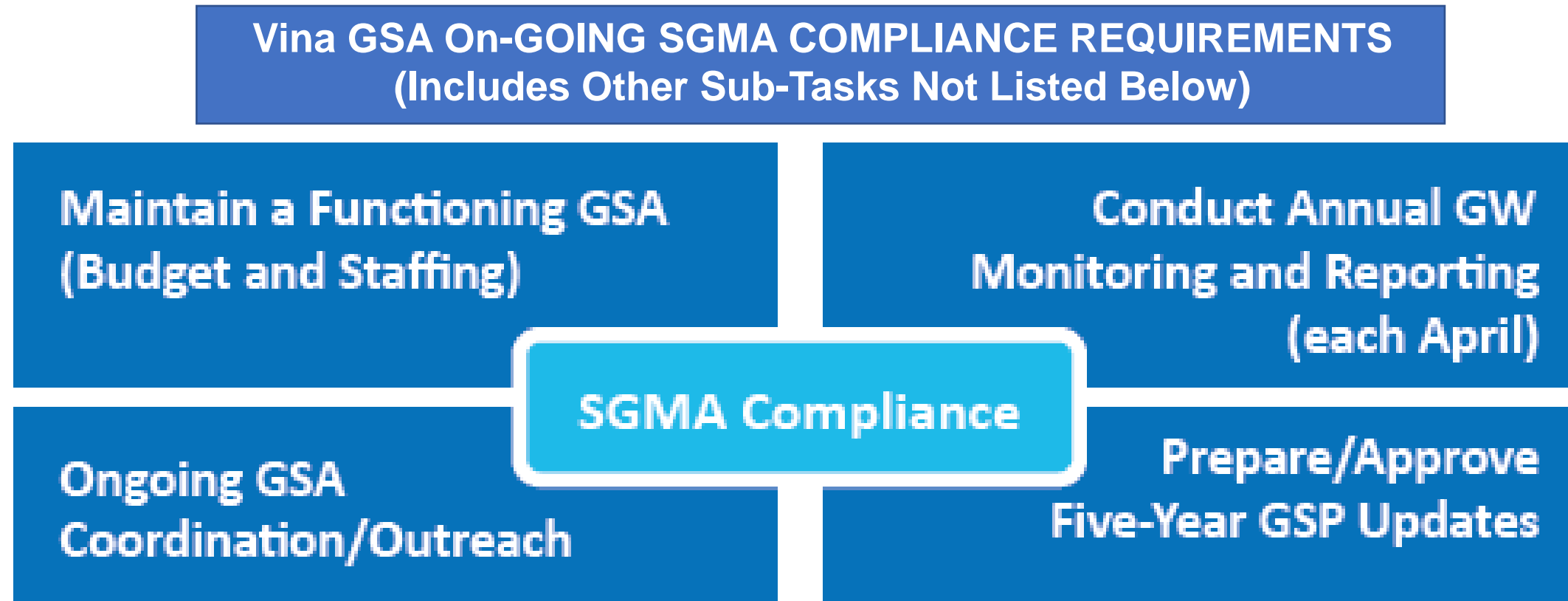
SGMA Timeline



GSP Implementation: > 50 years (2022 – 2072)

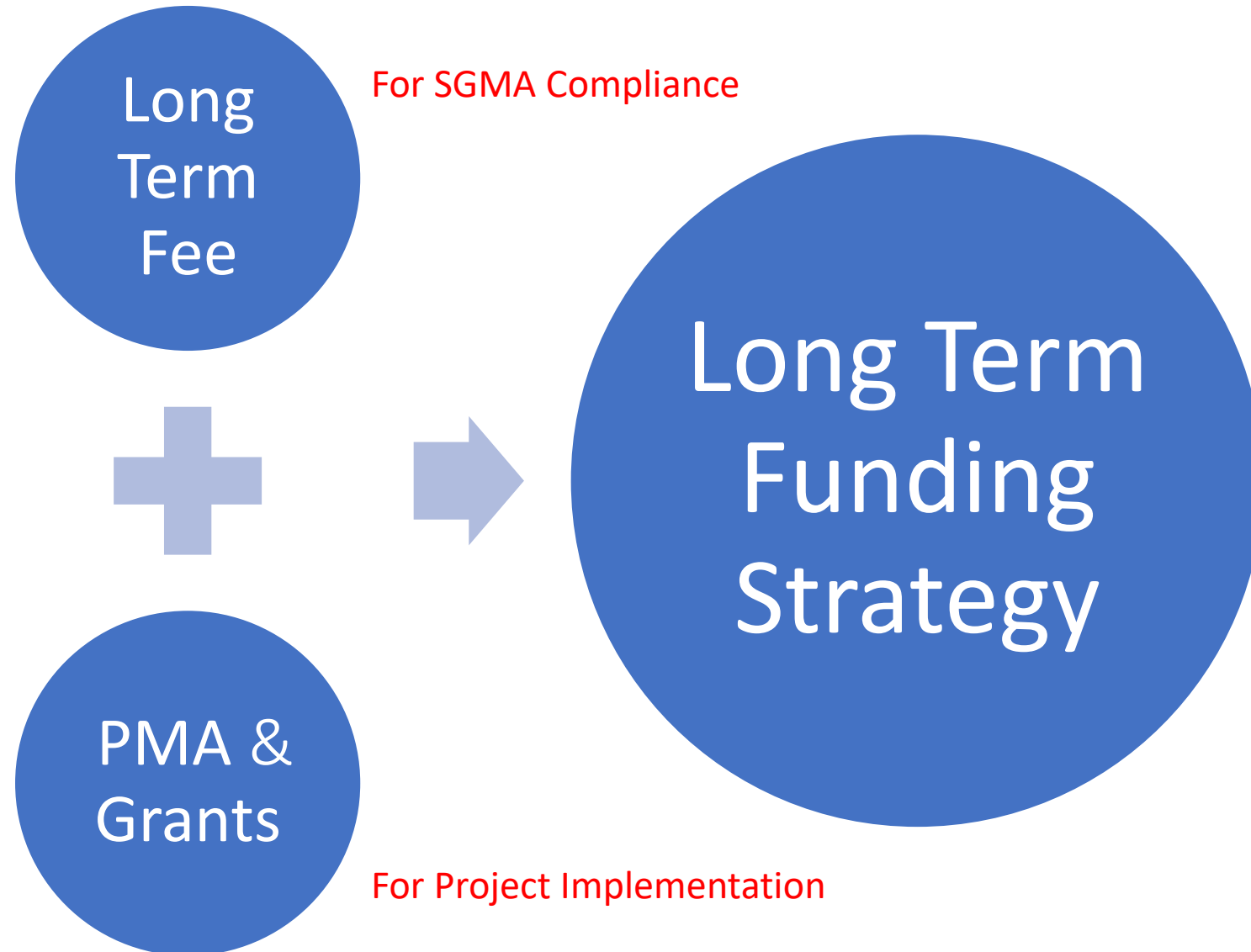
Task Name	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
GSA Administration and Operations																					
Public Outreach	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Legal Services	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Community Outreach and Education																					
Community Outreach and Education ¹	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
GSP Monitoring and Data Management																					
Monitoring of Wells	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Data Management	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
GSP Reporting																					
Annual Reporting	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Responding to DWR Comments on GSP		×					×														
GSP Five-Year Updates						×					×					×					×
Grant Writing																					
Grant Writing	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

Vina GSA: Long Term SGMA Compliance = Local Control



Other compliance tasks may include Surface-Groundwater Interaction Modeling, Data Management System Updates and Maintenance, DWR GSP updates, Long Term Financial Planning to maintain sustainable fees, and other tasks that may be required based on SGMA policy updates and GSP implementation efforts.

Vina GSA – Long Term Funding Strategy



The GSAs worked together to apply for the Round 2 DWR Groundwater Implementation grant funds in December 2022 for eligible Vina GSA Projects and SGMA compliance costs. DWR is expected to announce grant awards in June 2023.

2023 Vina Board Meeting Milestone Actions

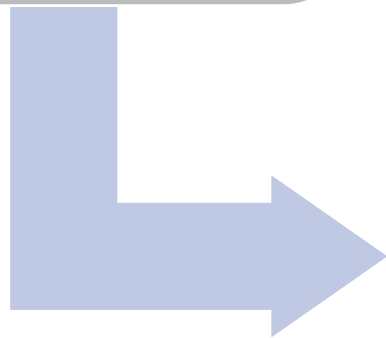
Vina Board Meeting	Board Action Item	Project Deliverables
February 22, 2023	Approve Five-Year Revenue Projections	Updated Five Year Revenue Projections for GSP Implementation
March 08, 2023	Approve Fee Options To Evaluate	Provide Fee Options and Trade-offs
April 12, 2023	Approve Fee Options TM	Fee Option TM
May 10, 2023	Approve Fee Report	Fee Report
July 19, 2023	Approve Proposed Fees	Fee Approval Support
August Assessor's Office Schedule		Provide Tax Roll Data To Assessor by 8/10/2023

- Two meetings will be held with the SHAC to review the fee project status and considerations.
- LSCE work will be coordinated with legal counsel review throughout the project duration.
- Vina GSA website and outreach updates to be provided and updated throughout the project.

Long Term GSA Fee – Development Process

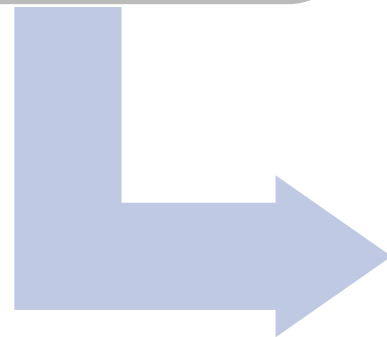
Establish Revenue Needs
(Operational and Implementation Costs)

- Revenue needs – GSA operations
- Revenue needs – SGMA Compliance
- Five-year Revenue Projections – planning horizon
- Adequate for GSA to comply with SGMA
- Meet GSA financial assurance/sustainability goal



Cost Allocation

- By type – operations vs. implementation
- By Subbasin GSA – weighted by effort
- By use – weight by groundwater use
- Proportional relative to user costs and service/benefit received



Proposed Fees/Charges

- Public notification
- Stakeholder outreach
- Public hearing and majority protest



Vina GSA – Updated Revenue Projections For GSP Implementation and SGMA Compliance

**Assuming No DWR
SGMA Implementation
grant funding in 2023.**

VINA GSA - Long Term Funding Fee Project					
Updated Five-Year Revenue Projections - GSA Operational Budget (assuming NO DWR SGMA Implementation Grant Funds)					
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Admin.	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Professional Services - Admin.					
Auditor	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Financial Services	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Legal Services	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Program Manager (w/County management)	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000
Professional Services - Admin. Sub-total	\$167,500	\$167,500	\$167,500	\$167,500	\$167,500
Office Expense					
Bank Fees	\$250	\$250	\$250	\$250	\$250
Insurance	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Outreach (per education and outreach plan)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Website	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Supplies	\$5,000	\$2,000	\$1,500	\$1,500	\$1,500
Office Expense Sub-total	\$19,250	\$16,250	\$15,750	\$15,750	\$15,750
Professional Services - GSP Implementation	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Legal Defense Reserve	\$100,000	\$50,000	\$30,000	\$30,000	\$30,000
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Contingency (10%)	\$31,675	\$26,375	\$24,325	\$24,325	\$24,325
GSA Admin. Sub-total	\$348,425	\$290,125	\$267,575	\$267,575	\$267,575
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Cost Category-SGMA Compliance					
Annual Reporting (with continued DWR monitoring)	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Five Year GSP Update w/Modeling Calibrations	\$50,000	\$50,000	\$50,000	\$50,000	\$40,000
Surface-GW Interaction Modeling	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
GSA Coordination & Outreach (w/in and between GSAs)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Data Management System Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Long Term Financial Planning/Fees	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Grant Procurement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Contingency (8%)	\$13,800	\$13,800	\$13,800	\$13,800	\$13,000
SGMA Compliance Sub-Total	\$186,300	\$186,300	\$186,300	\$186,300	\$175,500
TOTAL VGSA Administration (w/inflation adjustment)	\$348,425	\$298,829	\$283,630	\$297,008	\$310,387
TOTAL VGSA SGMA Compliance (w/inflation adjustment)	\$186,300	\$191,889	\$197,478	\$206,793	\$203,580
TOTAL VGSA Operational Budget	\$534,725	\$490,718	\$481,108	\$503,801	\$513,967



Vina GSA – Updated Revenue Projections For GSP Implementation and SGMA Compliance

**Assuming \$1-2M DWR
SGMA Implementation
grant funding in 2023.**

VINA GSA - Long Term Funding Fee Project					
Updated Five-Year Revenue Projections - GSA Operational Budget (Assumes SGMA Funding For GSP Implementation Project)					
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Admin.	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Professional Services - Admin.					
Auditor	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Financial Services	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Legal Services	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Program Manager (w/County management)	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000
Professional Services - Admin. Sub-total	\$167,500	\$167,500	\$167,500	\$167,500	\$167,500
Office Expense					
Bank Fees	\$250	\$250	\$250	\$250	\$250
Insurance	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Outreach (per education and outreach plan)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Website	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Supplies	\$5,000	\$2,000	\$1,500	\$1,500	\$1,500
Office Expense Sub-total	\$19,250	\$16,250	\$15,750	\$15,750	\$15,750
Professional Services - GSP Implementation	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Legal Defense Reserve (maintain \$150,000/yr. balance)	\$100,000	\$50,000	\$30,000	\$30,000	\$30,000
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Contingency (10%)	\$31,675	\$26,375	\$24,325	\$24,325	\$24,325
GSA Admin. Sub-total	\$348,425	\$290,125	\$267,575	\$267,575	\$267,575
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Cost Category-SGMA Compliance					
Annual Reporting (with continued DWR Monitoring)	\$0	\$0	\$0	\$40,000	\$40,000
Five Year GSP Update w/Modeling Calibrations	\$0	\$0	\$0	\$50,000	\$40,000
Surface-GW Interaction Modeling	\$0	\$0	\$0	\$25,000	\$25,000
GSA Coordination & Outreach (w/in and between GSAs)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Data Management System Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Long Term Financial Planning/Fees	\$0	\$0	\$0	\$12,500	\$12,500
Grant Procurement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Contingency (8%)	\$3,600	\$3,600	\$3,600	\$13,800	\$13,000
SGMA Compliance Sub-Total	\$48,600	\$48,600	\$48,600	\$186,300	\$175,500
TOTAL VGSA Administration (w/inflation adjustment)	\$348,425	\$298,829	\$283,630	\$297,008	\$310,387
TOTAL VGSA SGMA Compliance (w/inflation adjustment)	\$48,600	\$50,058	\$51,516	\$206,793	\$203,580
TOTAL VGSA Operational Budget	\$397,025	\$348,887	\$335,146	\$503,801	\$513,967



Vina GSA – Updated Revenue Projections

Future Potential Project Costs (2022 SHAC List)

Adding project funding to the long-term GSA fee revenue projections would have increased recommended fees.

The GSA would need to determine future priority projects and costs to be included in the fee calcs.

Vina Subbasin Projects - SHAC 2022 Discussions	Estimated Costs
GSP Implementation, Outreach, and Compliance Activities	\$660,000
Data Management System	\$250,000
Community Monitoring: Domestic Well Survey	\$330,000
Interconnected Surface Water (ISW)/Associated Impacts on Groundwater Dependent Ecosystems	\$450,000
Monitoring Network Enhancements	\$1,438,750
Inter-basin Coordination Activities	\$450,000
Project and Management Action Implementation	\$700,000
Agricultural Surface Water Supplies	\$4,500,000
Agricultural Irrigation Efficiency	\$1,000,000
Extend Orchard Replacement	\$1,500,000
Domestic Well Mitigation	\$675,000
Well Permitting Ordinance	\$137,500
Expansion of Water Purveyors' Service Area	\$145,000
Sand Creek Flood MAR/Ag MAR Project Phase 2	\$2,500,000
Groundwater Recharge Feasibility Analysis and Site Evaluation	\$2,670,000
Lindo Channel Surface Water Recharge Implementation	\$1,100,000
Recycled Wastewater Feasibility Study	\$600,000

Vina GSA Board Fee Options – March Meeting

FEE OPTIONS TO EVALUATE

- Parcel Charge - \$/acre (most common GSA fee structure in CA)
- Irrigated vs. Non-irrigated
- Land Use Based Hybrids – tiers (if data is available)

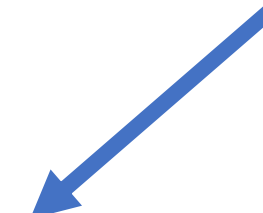
Vina GSA – Basis For Long Term Fee Options

BASED ON AVAILABLE PARCEL LEVEL DATA

- Parcel exemptions – Federal/State/Tribal
- Parcel location, size and boundaries (boundary conditions)
- Consider Land IQ 2022 parcel information
- Land use designations
- Water source (sometimes known)
- Water use (typically GSA accounts have been unmetered with no water use records available)

Vina GSA Fee Options: Service Area Data 2022 Land IQ Land Use Information

Attribute	Wyandotte Creek Subbasin	Vina Subbasin
Acreage		
Total - All	59,381.9407	184,916.8687
Total - Federal	0.0000	934.0000
Total - State	5,485.2073	1,104.3200
Total - Tribe	32.9085	1,443.5842
Total (exclude State, Federal and Tribal)	53,863.8249	181,434.9645
Irrigated	22,059.8905	97,106.6128
Non-Irrigated	31,803.9344	84,328.3517
Orchards	8,832.9000	59,960.9012
Non Orchards	5,539.2000	17,747.8000
City of Chico		19,397.9128
Duham Irrigation District		186.1214
Rock Creek GSA		4,654.0686
Butte County	40,341.0775	181,434.9645
City of Oroville	7,687.7905	
Thermalito WD	5,834.9569	



Vina GSA – Options Evaluation Criteria

COMMON OPTION EVALUATION CRITERIA

- Revenue Sufficiency – Meets revenue projection targets
- Revenue Stability – over fee implementation period
- All Beneficiaries Pay – important for SGMA compliance benefit
- Equity – cost allocation
- Low Cost – economic impacts
- Simplicity – easy to understand
- Administrative ease – low implementation costs
- Enforceability – potential costs for more complex fee structures
- Legality – defensible, challenge risk, potential long term legal fees

Vina GSA Fee Options: Option 1 (\$/ac.) Example

Vina Subbasin - Vina GSA Charge Options					
Option 1: \$/Acre Charge (For Five-Year GSP Implementation and SGMA Compliance Costs)					
Proposed 5-Year Projection Period	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Administration	2023	2024	2025	2026	2027
Professional Services Admin. Sub-total	\$167,500	\$167,500	\$167,500	\$167,500	\$167,500
Office Expense Sub-total	\$19,250	\$16,250	\$15,750	\$15,750	\$15,750
Professional Services-GSP Implementation	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Legal Defense Reserve	\$100,000	\$50,000	\$30,000	\$30,000	\$30,000
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Contingency (10%)	\$31,675	\$26,375	\$24,325	\$24,325	\$24,325
Sub-Total GSA Administration	\$348,425	\$290,125	\$267,575	\$267,575	\$267,575
Sub-Total GSA Administration (w/3% inflation)	\$348,425	\$298,829	\$283,630	\$297,008	\$310,387
Cost Category-SGMA Compliance	2023	2024	2025	2026	2027
Annual Reporting	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
5-Year GSP Updates (w/modeling)	\$50,000	\$50,000	\$50,000	\$50,000	\$40,000
Surface-Groundwater Interaction Modeling	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
GSA Coordination and Outreach	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Data Management System Upgrade/Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Long Term Financial Planning	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Grant Procurement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Contingency (8%)	\$13,800	\$13,800	\$13,800	\$13,800	\$13,000
Sub-Total SGMA Compliance	\$186,300	\$186,300	\$186,300	\$186,300	\$175,500
Sub-Total SGMA Compliance (w/3% inflation)	\$186,300	\$191,889	\$197,478	\$206,793	\$203,580
TOTAL Vina GSA Admin+SGMA Compliance Costs	\$534,725	\$490,718	\$481,108	\$503,801	\$513,967
Vina GSA Fee Option 1 Calculation					
Total Revenue Needs (\$)	534,725	\$490,717.75	\$481,107.50	\$503,801.25	\$513,967.00
Total Assessable Acreage (acres)	181,435	181,435	181,435	181,435	181,435
Option 1 Charge (\$/ac.)	\$2.95	\$2.70	\$2.65	\$2.78	\$2.83



• Based on updated revenue projections and 2022 Land IQ data.

Vina GSA Fee Options: Option 2

Irrigated/Non-Irrigated Example

Description: charge all users their share of the GSA Admin. Costs and allocate the SGMA compliance costs between irrigators/non-irrigators to reflect higher cost burden for irrigators using the groundwater resource.

GSA Example Charge – Year 1	Non-Irrigated	Irrigated
Tier 1: GSA Admin. Charge	\$1.92/acre	\$1.92/acre
Tier 2: SGMA Compliance Charge	\$0.88/acre	\$1.15/acre
Total	\$2.80/acre	\$3.07/acre

This example splits SGMA compliance costs 60/40 between irrigators and non-irrigators in the Subbasin. Not an official charge, an example that shows how the fee methodology can work.

Vina GSA Fee Options: Option 3a. (Orchard Tier) Land Use Hybrid Example

Description: charge all users their share of the GSA Admin. Costs and allocate a higher proportion of SGMA compliance costs to Orchard land uses to reflect higher overall groundwater use in the Subbasin.

GSA Example Charge – Year 1	Non-Irrigated	Irrigated (Non-Orchard)	Irrigated (Orchard)
Tier 1: GSA Admin. Charge	\$1.92/acre	\$1.92/acre	\$1.92/acre
Tier 2: SGMA Compliance Charge	\$0.44/acre	\$1.22/acre	\$1.53/acre
Total	\$2.36/acre	\$3.14/acre	\$3.45/acre

Assumes 80/20 irrigated/non-irrigated cost allocation with Irrigated Orchard paying highest tier charge based on % of irrigated acres. This is an example not a real charge to show how this fee methodology can be applied.

Vina GSA Fee Options: Option 3b. (Water Use) Land Use Hybrid Example

Description: charge all users their share of the GSA Admin. Costs and allocate SGMA compliance costs based on estimated groundwater use in the Subbasin.

Sector	WY 2022 (AF)		
	Groundwater	Surface Water	Total
Agricultural	253,800	20,500	274,300
Municipal	22,300	0	22,300
Rural Residential	2,600	0	2,600
Native Vegetation (Plant groundwater uptake)	76,000	0	76,000
Total	354,700	20,500	375,200
Total (excluding Native Vegetation¹)	278,700	20,500	299,200

¹Since environmental groundwater use involves natural plant uptake of shallow groundwater, not direct pumping and extraction, a total volume is calculated that excludes it.

Land Use	2018 (Acres 1,000x)	2022 (Acres 1,000x)	Change (Acres 1,000x)	Change (%)
Rice	7.9	8.3	0.35	4.43
Walnuts	25.8	27.3	1.54	5.97
Idle or Fallow	2.9	4.3	1.45	49.96
Almonds	30.9	30.1	-0.83	-2.67
Deciduous*	6.4	8.4	1.97	30.57
Grain	2.4	1.7	-0.70	-28.57
Pasture	0.7	0.6	-0.05	-7.33

Option 3b would consider estimated groundwater use by sector creating sector ‘user classes’ with costs allocated within each sector user class (Ag example above in Table 1-2). This approach is more easily challenged since the majority of groundwater use in the Subbasin is estimated. Implementation costs would be higher than other options.

Vina GSA Board Direction – Implement Project Outreach Actions

VINA GSA OUTREACH ITEMS TO DATE

- Outreach deliverables available on website
 - Long Term Funding Fact Sheet – discusses need and process
 - Frequently Asked Questions – can be updated during project
- Vina GSA Website Updates – work in progress, project items to be added
- Public Meeting (3/28)
- Outreach to community organizations
- Other ideas welcome – need assistance from the SHAC

Questions or Comments



VINA GSA - Long Term Funding Fee Project
Updated Five-Year Revenue Projections - GSA Operational Budget (assuming NO DWR SGMA Implementation Grant Funds)

5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Admin.	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Professional Services - Admin.					
Auditor	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Financial Services	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Legal Services	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Program Manager (w/County management)	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000
Professional Services - Admin. Sub-total	\$167,500	\$167,500	\$167,500	\$167,500	\$167,500
Office Expense					
Bank Fees	\$250	\$250	\$250	\$250	\$250
Insurance	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Outreach (per education and outreach plan)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Website	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Supplies	\$5,000	\$2,000	\$1,500	\$1,500	\$1,500
Office Expense Sub-total	\$19,250	\$16,250	\$15,750	\$15,750	\$15,750
Professional Services - GSP Implementation	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Legal Defense Reserve	\$100,000	\$50,000	\$30,000	\$30,000	\$30,000
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Contingency (10%)	\$31,675	\$26,375	\$24,325	\$24,325	\$24,325
GSA Admin. Sub-total	\$348,425	\$290,125	\$267,575	\$267,575	\$267,575
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Cost Category-SGMA Compliance	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Annual Reporting (with continued DWR monitoring)	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Five Year GSP Update w/Modeling Calibrations	\$50,000	\$50,000	\$50,000	\$50,000	\$40,000
Surface-GW Interaction Modeling	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
GSA Coordination & Outreach (w/in and between GSAs)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Data Management System Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Long Term Financial Planning/Fees	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Grant Procurement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Contingency (8%)	\$13,800	\$13,800	\$13,800	\$13,800	\$13,000
SGMA Compliance Sub-Total	\$186,300	\$186,300	\$186,300	\$186,300	\$175,500
TOTAL VGSA Administration (w/inflation adjustment)	\$348,425	\$358,878	\$380,410	\$422,256	\$489,816
TOTAL VGSA SGMA Compliance (w/inflation adjustment)	\$186,300	\$191,889	\$203,402	\$225,777	\$261,901
TOTALVGSA Operational Budget	\$534,725	\$550,767	\$583,813	\$648,032	\$751,717

VINA GSA - Long Term Funding Fee Project
Updated Five-Year Revenue Projections - GSA Operational Budget (Assumes SGMA Funding For GSP Implementation Project)

5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Admin.	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Professional Services - Admin.					
Auditor	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Financial Services	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Legal Services	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Program Manager (w/County management)	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000
Professional Services - Admin. Sub-total	\$167,500	\$167,500	\$167,500	\$167,500	\$167,500
Office Expense					
Bank Fees	\$250	\$250	\$250	\$250	\$250
Insurance	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Outreach (per education and outreach plan)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Website	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Supplies	\$5,000	\$2,000	\$1,500	\$1,500	\$1,500
Office Expense Sub-total	\$19,250	\$16,250	\$15,750	\$15,750	\$15,750
Professional Services - GSP Implementation	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Legal Defense Reserve (maintain \$150,000/yr. balance)	\$100,000	\$50,000	\$30,000	\$30,000	\$30,000
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Contingency (10%)	\$31,675	\$26,375	\$24,325	\$24,325	\$24,325
GSA Admin. Sub-total	\$348,425	\$290,125	\$267,575	\$267,575	\$267,575
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Cost Category-SGMA Compliance	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Annual Reporting (with continued DWR Monitoring)	\$0	\$0	\$0	\$40,000	\$40,000
Five Year GSP Update w/Modeling Calibrations	\$0	\$0	\$0	\$50,000	\$40,000
Surface-GW Interaction Modeling	\$0	\$0	\$0	\$25,000	\$25,000
GSA Coordination & Outreach (w/in and between GSAs)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Data Management System Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Long Term Financial Planning/Fees	\$0	\$0	\$0	\$12,500	\$12,500
Grant Procurement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Contingency (8%)	\$3,600	\$3,600	\$3,600	\$13,800	\$13,000
SGMA Compliance Sub-Total	\$48,600	\$48,600	\$48,600	\$186,300	\$175,500
TOTAL VGSA Administration (w/inflation adjustment)	\$348,425	\$358,878	\$380,410	\$422,256	\$489,816
TOTAL VGSA SGMA Compliance (w/inflation adjustment)	\$48,600	\$50,058	\$51,516	\$206,793	\$203,580
TOTAL VGSA Operational Budget	\$397,025	\$408,936	\$431,926	\$629,049	\$693,396



Vina Subbasin Groundwater Sustainability Plan

Vina Groundwater Sustainability Agency Long-Term Funding for GSP Implementation

VGSA Member Agencies | City of Chico • County of Butte • Durham Irrigation District

Who is the Vina Groundwater Sustainability Agency?

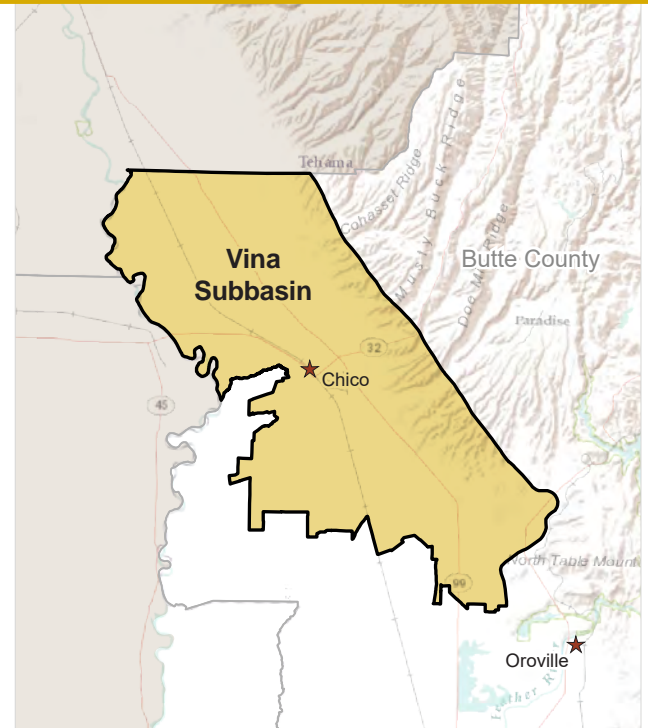
The Vina Groundwater Sustainability Agency (VGSA) is one of two Groundwater Sustainability Agencies (GSAs) responsible for developing and implementing the Groundwater Sustainability Plan (GSP) for the Vina Subbasin. The VGSA works cooperatively with the Rock Creek GSA who manages a small portion of the Vina Subbasin located within Butte County.

GSP Implementation Funding for Years 2024-2028

Now that the Vina Subbasin GSP has been submitted to the California Department of Water Resources (DWR), the Vina Subbasin GSAs are working together to implement the GSP in a cost-effective manner. To fund GSP implementation and Sustainable Groundwater Management Act (SGMA) compliance activities, revenue requirements have been developed by the GSAs, which are proposed to be funded through long-term fees that will support the work to achieve groundwater sustainability. GSAs must implement groundwater sustainability monitoring and management actions to bring the entire Subbasin into compliance with SGMA requirements by 2042. Working together as a Subbasin will help keep future fees as low as possible.

What Fee Options are Being Considered by the GSAs for Covering GSP Implementation Costs?

The VGSA is considering Proposition 218 or Proposition 26 fee methodologies to cover long-term GSP implementation and SGMA compliance costs. The Proposition 218 fee process is considered to be the most transparent and equitable method for establishing fees to cover GSP implementation costs, based on broad application of this approach by many other GSAs across California. The VGSA will consider using the Proposition 26 fee approach if feasible. Doing nothing on SGMA compliance would lead to State intervention in the Vina Subbasin groundwater management activities. The GSAs determined that local cost sharing arrangements would not be adequate to cover GSP implementation and SGMA compliance costs and concluded that the cost for State Water Resources Control Board intervention would be higher and unacceptable compared to local control of watershed resources. The VGSA will follow any legal and regulatory requirements for the selected fee methodology.



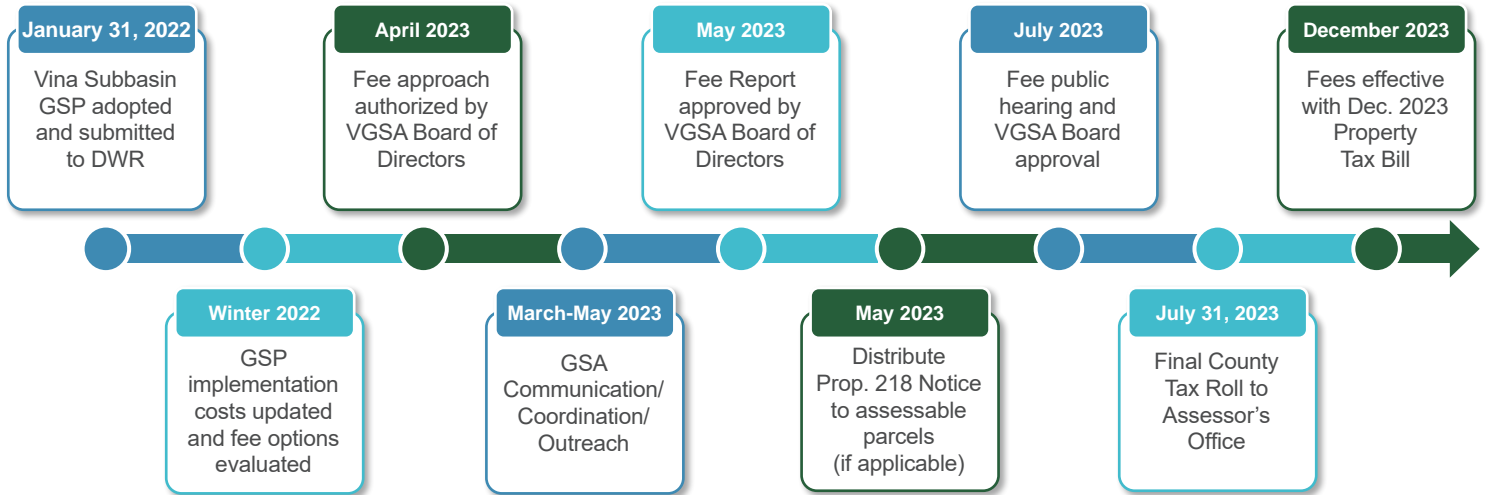
How were GSP Implementation Costs Developed for the Proposed Fees?

The Vina and Rock Creek GSAs are working together to develop the most efficient manner to implement the GSP and comply with SGMA regulations through cost sharing and collaboration. Each GSA is responsible for their respective GSA administration costs with SGMA compliance costs shared by the GSAs to keep future fees as low as possible. The proposed GSP implementation costs reflect the minimum revenue requirements to comply with SGMA and meet Vina Subbasin sustainability objectives based on known information and data about the Vina Subbasin and GSA operational costs.

What Happens if We Fail?

Maintaining local control over our groundwater resources is a top priority for the VGSA. Implementing the GSP and complying with SGMA will keep the State from intervening in the local groundwater management and decision-making processes and keep our fees as low as

PROJECT TIMELINE



possible. If State intervention were to occur due to SGMA non-compliance landowners would be subject to State fees approved by the State Water Resources Control Board.

The local GSAs are working hard to avoid State intervention and higher GSP implementation costs.

Fee Methodologies

The VGSA Board is considering establishing long-term fees to cover GSP implementation and SGMA compliance costs in accordance with Water Code Section 10730 to cover the administrative and operational costs of GSP implementation and SGMA compliance. Under Proposition 218 valid protests received in a timely manner by the VGSA from landowners for which the fee would be levied would be counted before adopting the proposed fee. If a majority protest is not received, the VGSA may adopt the fee. A majority protest would prevent imposition of the fee. State intervention could occur if local GSAs are unable to fund implementation of a plan that meets the state requirements.

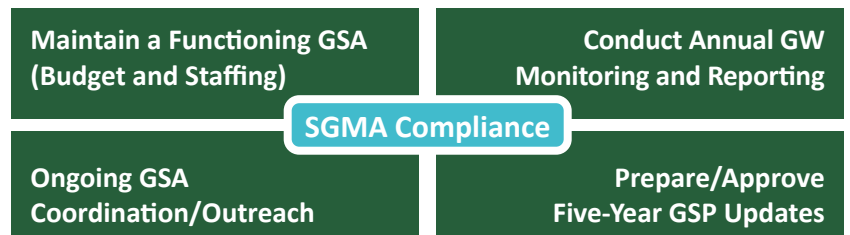
The fees will fund GSA administration and SGMA compliance activities related to GSP implementation. Local and regional projects were included in the GSP to enhance groundwater sustainability and will be supported through other funding sources on an as-needed basis aimed at achieving State mandated and locally defined sustainability. Funding this effort is critical for maintaining local control over the implementation of sustainable groundwater management actions in the Vina Subbasin. The VGSA is committed

to retaining local control over SGMA implementation, utilizing landowner dollars efficiently and beneficially.

Fees would be collected with the Butte County tax roll from all parcel owners subject to the fee within the Vina Subbasin GSA boundaries, excluding federal/state/tribal lands. The fees would be based on total revenue requirements and acreage in the GSA service area. All parcels subject to the fee would receive a Proposition 218 notice if that is the preferred fee method selected before the VGSA Board would consider approving the proposed fees.

You can use the following VGSA link (www.vinagsa.org) to learn more about the Vina Subbasin GSP implementation activities and follow updates on establishing a long-term funding strategy to cover the costs of VGSA administration and SGMA compliance activities. We also have frequently asked questions available to address your questions or concerns. We welcome your comments and thoughts on how we can work together to maintain local control over our water resources.

2024-2028 Vina Subbasin GSP Implementation Summary of State SGMA Requirements



The VGSA will be responsible for covering its GSA administration costs and its share of the total GSP implementation SGMA compliance costs identified in the adopted GSP. The VGSA will serve as the fiscal agent on behalf of parcels subject to fee in the VGSA service area and will share SGMA compliance costs with the Rock Creek GSA through an MOU to manage the GSP implementation budget and report on the status of GSP implementation activities.



Frequency Asked Questions

The Vina Groundwater Sustainability Agency (Vina GSA) has determined that Groundwater Sustainability Plan (GSP) implementation costs (not including projects and management actions) can be funded through the Groundwater Sustainability Agency (GSA) long-term fee setting process. This will ensure that the GSA has adequate revenues to cover the costs of GSP implementation and Sustainable Groundwater Management Act (SGMA) compliance.

GRANTS AND FUNDING

Does state funding exist to help with SGMA and GSP implementation?

The State provided planning grants to GSAs to assist with covering the costs to develop their initial Groundwater Sustainability Plans. The Vina GSA has prepared a DWR-compliant GSP which was submitted to the State by the January 31, 2022 deadline and is currently under review by DWR. Going forward the Vina GSA is responsible for covering its costs for GSP implementation and SGMA compliance. The Vina GSA will continue to evaluate and pursue other grant funding sources as they become available.

Why can't grants cover the costs?

While grants are being sought to cover many of the costs of SGMA compliance, it is unlikely that all costs can be covered since subbasins throughout California are applying for the same limited pool of grant dollars. As a result, the Vina GSA has initiated the funding process to ensure SGMA compliance while keeping landowners fees as low as possible. Future grant opportunities are expected to provide funding for project related costs meaning GSA and SGMA compliance costs must be locally funded.

FEE DEVELOPMENT PROCESS

Why is the GSA going through this process?

Maintaining local control over our groundwater resources is a top priority for the Vina GSA. Implementing the GSP and complying with SGMA will keep the State from intervening in the local groundwater management and decision-making processes and keep local fees as low as possible.

How come I haven't heard of this fee?

The charge will be the first GSP implementation and SGMA compliance charge considered by the Vina GSA since the agency no longer has grant funds to support GSP planning, GSA administration, and GSP implementation costs. Public outreach will be an important aspect of the charge process and important information will be available on the Vina GSA website. We are all at the beginning of this new process and will work together to keep future charges as low as possible. To stay up to date on the fee setting process, register on the Butte County Vina GSA email list by signing up on our website: Under "Stay Informed," click "Join our Email List" at <https://www.buttecounty.net/1228/Sustainable-Groundwater-Management-Act-S>.

How will fees for landowners be determined?

All landowners in the Vina GSA service areas are subject to charges to support GSP implementation and SGMA compliance. Charges will be based on acreage subject to the fee and other parcel level data that is available to develop feasible charge options. Under SGMA, Federal, State, and Tribal lands are exempt from charges.

How much will the fee be?

The fee has not yet been determined. The Vina GSA is currently working through the process to determine the lowest possible fee including public outreach to those impacted by the charges. To keep up to date on the fee setting progress register on the Butte County Vina GSA email list by signing up on our website: Under “Stay Informed,” click “Join our Email List” at <https://www.buttecounty.net/1228/Sustainable-Groundwater-Management-Act-S>.

When will landowner fees be put in place?

The Vina GSA is proposing GSP implementation charges through a fee setting process in accordance with Water Code Section 10730. Charges would be based on GSP implementation and SGMA compliance costs. It is anticipated that charges will be imposed in fiscal year 2023-2024.

How will GSA Charges be managed in the future?

Once GSA fees are in place, the Vina GSA Board will annually review proposed charges and approve charges based on the maximum charge allowed and actual costs for a given year. The Vina GSA Board’s goal is to keep GSA charges as low as possible during the period within which charges would be in effect.

How will the GSAs fund implementation activities?

GSAs are managed at a local level, with the goal of keeping costs down. The Vina GSA has determined that GSP implementation costs (not including projects and management actions) can be funded through the GSA fee setting process. This will ensure that all GSA GSP implementation and SGMA compliance costs are covered and landowners pay their share of total GSP implementation costs.

COST SHARING

Why would landowners be responsible for groundwater fees?

The Vina GSA is working to keep costs down, including pursuing state and local agency funding. However, the GSA will be imposing updated charges upon landowners subject to the fee to cover the cost of GSP implementation and SGMA compliance. SGMA requires a GSP to be prepared for the entire Subbasin, for a GSA to be considered established and operational, and that all landowners will share in the cost of SGMA compliance. Federal, state and Tribal lands are exempt from SGMA related groundwater charges.

Is it just landowners who have to pay?

Yes, all landowners will pay the fee, including residential, agricultural, cities and Butte County (only Federal, Tribal, and State lands are exempted by SGMA). Vina GSA is working hard to keep the costs down for all landowners.

All my water goes back into the ground, why should I pay a fee?

SGMA mandates that the cost of GSP implementation is shared between all landowners with the exception of Federal, Tribal, and State lands independent of parcel land use type or water source.

I am a residential user and most water is used by agriculture, why do I have to pay the fee?

Vina GSA is working hard to ensure that any fee implemented is equitable and as low as possible. As a result, residential users will be responsible for a smaller share of the GSP implementation and SGMA compliance costs than larger landowners such as agriculture.

Why can't the County pay the fee?

Parcels on county lands subject to the charge will pay their share of the total Vina GSA GSP implementation and SGMA compliance costs. The County provided funds from their budget to support the formation of the GSA and cover some of the early GSP development costs. No County funding is available to cover GSP implementation costs. No grant funds are available to cover GSA operational and SGMA compliance costs so those subject to the charge in the Subbasin will pay their share of the total costs.

Why can't local agencies continue to pay the GSA costs?

All landowners in the Vina Subbasin (except the Federal, Tribal, and State lands exempted by SGMA) will help pay for the GSP implementation costs, including cities and counties.

Will cities help pay for the GSP implementation and SGMA compliance costs?

Yes. All landowners in the Vina Subbasin Vina GSA service area (except the Federal, Tribal, and State lands exempted by SGMA), including cities, will help pay for their share of GSP implementation and SGMA compliance costs. Those charges will be determined in the Fee Report to be prepared by the Vina GSA (expected in May 2023) and will be available on the Vina GSA website. The Fee Report will be updated as needed over time to reflect any changes in future charges.

I have CalWater, do I have to pay a fee?

All landowners within the Vina Subbasin participate in the funding of GSP implementation including those receiving water service from CalWater. The exact process that CalWater/City of Chico will use to fund their share of the cost is yet to be determined but will be outlined through a cost sharing arrangement with the Vina GSA. Most likely CalWater or the City of Chico will pay the Vina GSA their share of the total Vina GSA GSP implementation and SGMA compliance costs on behalf of CalWater customers.

Do I have to pay a fee if I get my water from Durham Irrigation District, the City, or Rock Creek Reclamation District?

All landowners in the Subbasin are required to contribute their share of the GSP implementation and SGMA compliance costs. How this is implemented may be different depending on where you get your water.

- Durham Irrigation District (DID) and the City of Chico (City) are included in this long-term Vina GSA fee process as member agencies of the Vina GSA. Landowners receiving water from DID or the City will be subject to the Vina GSA charges and will either pay their share of costs directly to the Vina GSA or their member agency will pay the Vina GSA their costs on behalf of DID and City ratepayers through an agreed upon cost sharing arrangement.
- The Rock Creek Reclamation District has formed a separate GSA but is working in coordination with the Vina GSA. Rock Creek will pay the Vina GSA their share of the total Vina GSA GSP implementation and SGMA compliance costs on behalf of Rock Creek landowners subject to the charge through an agreed upon cost sharing arrangement.

If the Tuscan Water District forms, will I have to pay two fees for SGMA costs?

No, there will only be one fee for Tuscan Water District's share of Vina GSA GSP implementation and SGMA compliance costs. However, there could be future costs associated with district operations and activities. More information will become available once the Tuscan Water District is formed.

MORE INFORMATION

How do I keep track of GSA Charges?

The Vina GSA will annually review proposed GSA charges at a noticed public meeting and consider action on charges not to exceed the maximum allowable charge. The public can attend and provide comments before action is taken. The status of GSA charges will be available and updated regularly on the GSA website (www.vinagsa.org).

What is the Fee Report?

The Fee Report is a document that justifies any proposed fees or charges for a specified purpose. It considers the revenue projections over the planning period, evaluates fee options, considers cost allocation for those subject to the fee and provides and communicates the rationale for recommended fees the Vina GSA may approve that provide a nexus between fees paid and benefits received. The Fee Report is submitted to the Vina GSA Board for review and approval prior to the establishment of any fees being implemented. The Fee Report will be available on the GSA website and will be updated as needed over time to reflect any changes in future charges. The initial Fee Report is expected to be available in May 2023.

SUSTAINABLE GROUNDWATER MANAGEMENT ACT (SGMA)

What is SGMA compliance?

The SGMA compliance process in the Subbasin started with the formation of the Vina GSA and subsequent development and submittal of the Vina Subbasin GSP to the Department of Water Resources in December 2021. Continued compliance requires annual reporting, 5-year GSP report updates, on-going GSA coordination, and related compliance actions. SGMA compliance tasks must be completed by the Vina GSA and submitted to the California Department of Water Resources in a timely manner to show progress toward implementing its GSP and achieving groundwater sustainability by 2042.

Are we required to establish and maintain a GSA?

Yes, as an identified "high-priority" Subbasin by the State, the Vina Subbasin is required under SGMA to be managed by local agencies that form a GSA. The Vina GSA was formed by the City of Chico, County of Butte, and the Durham Irrigation District to meet this requirement.

Can I file for an exemption from this charge?

Only Federal, Tribal, and State lands are exempt under SGMA. There are no exemptions for other landowners including cities, counties, residential, agriculture, and other land uses. Vina GSA is working hard to keep SGMA compliance charges as low as possible for those subject to the Vina GSA charges.

What is GSP implementation?

The GSP implementation is the implementation of projects and activities identified in the GSP as required for the Subbasin to achieve sustainability by 2042 as required by SGMA. The GSP is available online at <https://sgma.water.ca.gov/portal/gsp/preview/86>.

How do I benefit from the fee?

Implementing the GSP and complying with SGMA will help ensure that the Subbasin has a sustainable groundwater resource for the benefit of all landowners within the Subbasin. The Vina GSA is responsible for GSP implementation and SGMA compliance. Ensuring that all landowners in the Subbasin are in compliance with SGMA not only ensures future water availability but will also keep the State from intervening in local groundwater management and decision-making processes. This will allow the Vina GSA to keep our charges as low as possible. If the State intervenes due to local SGMA non-compliance, landowners would be subject to State fees approved by the State Water Resources Control Board which are projected to be significantly higher than local fees.

AGENDA ITEM 6

Update on Projects and Management Actions and Funding Opportunities

#	Project	Potential Funding Sources per 10/26/2023 SHAC Discussion	Status of Funding Pursuits, 3/9/2023
1	GSP Implementation, Outreach, and Compliance Activities	Local	Local- Included in GSA Revenue Projection (~\$186K/yr)
2	Data Management System	Local	Local- Included in GSA Revenue Projection (\$5K/year)
3	Community Monitoring: Domestic Well Survey	Drought Funding, TSS	SGMA Grant (\$100K)
4	Interconnected Surface Water (ISW)/Associated Impacts on Groundwater Dependent Ecosystems	Local	SGMA Grant (\$200K)
5	Monitoring Network Enhancements	TSS, Local	SGMA Grant (\$400K)
6	Inter-basin Coordination Activities	FSS, Local	SGMA Grant (Joint GSP Analysis- \$200K)
7	Project and Management Action Implementation	Local	SGMA Grant (Fee study/BBGM Modeling/Legal Implication of Recharge=> \$275K)
8	Agricultural Surface Water Supplies	USBR WaterSmart?, NRCS	SGMA Grant (Feasibility-\$275K)
9	Agricultural Irrigation Efficiency	RCD/NRCS, USBR WaterSmart	SGMA Grant (\$1M)
10	Extend Orchard Replacement	Possible DWR Program	SGMA Grant (\$1.5M); Multi Benefit Land Repurposing Grant Program (~\$3.5M)
11	Domestic Well Mitigation	Drought Funding	County DROP application to State Board (submitted Jan. 2023)
12	Well Permitting Ordinance	Local	County DROP application to State Board (submitted Jan. 2023)
13	Expansion of Water Purveyors' Service Area	Drought, State Board	County DROP application to State Board (submitted Jan. 2023)
14	Sand Creek Flood MAR/Ag MAR Project Phase 2	Local	
15	Groundwater Recharge Feasibility Analysis and Site Evaluation	Local	SGMA Grant (\$600K); Federal Funding Earmark List (County)
16	Lindo Channel Surface Water Recharge Implementation	Local	SGMA Grant (\$350K)
17	Recycled Wastewater Feasibility Study	Other money	

Local- through fees such as a Prop 218/Prop 26
 FSS- DWR Facilitation Support Services
 RCD- Resource Conservation District
 TSS- DWR Technical Support Services
 USBR- United States Bureau of Reclamation

Project List and Prioritization for SGM Grant Per Vina and RCRD GSA Boards (11/9/2022)

Rank	Description	Final Budget	Cumulative
<i>Original task</i>			
1	Grant Agreement Administration	\$ 200,000	
2	Monitoring Network Enhancements	\$ 400,000	\$ 600,000
5.2	Installation of Multi-Completion Monitoring Wells	\$ 250,000	
5.3	Installation of Shallow GW Monitoring Devices	\$ 100,000	
5.4	Installation of Surface Water Stream Gauges	\$ 50,000	
3	Community Monitoring: Domestic Well Survey	\$ 100,000	\$ 700,000
3.1	Perform Well Records Survey	\$ 15,000	
3.2	Verify Well Use/Status	\$ 10,000	
3.3	Perform Well Video Surveys	\$ 40,000	
3.4	Create/Maintain Dry Well Database	\$ 10,000	
3.5	Engagement/Outreach to Monitoring Participants	\$ 7,500	
3.6	Equip Wells / Well Owner Monitoring Education	\$ 7,500	
3.7	Develop Community Database System	\$ 10,000	
4	GSP Implementation & Compliance Activities	\$ 660,000	\$ 1,360,000
1.1	GSP Annual Report Development	\$ 160,000	
1.2	GSP Updates & Responses to DWR Comments	\$ 100,000	
1.3	GSP 5-year Evaluation Report	\$ 300,000	
7.1	Fee Study for Long Term Financing of the Vina GSA	\$ 100,000	
5	Inter-basin Coordination Activities	\$ 450,000	\$ 1,810,000
4.2	Gather, Evaluate Data, and Develop Approach for Interconnected Surface Water Sustainable Management Criteria (ISW SMC)	\$ 200,000	
6.2	Interbasin Coordination: Conducting Joint Analysis and Evaluation of GSPs	\$ 200,000	
7.3	Update Butte Basin Groundwater Model	\$ 50,000	
6	Extend Orchard Replacement Program	\$ 1,500,000	\$ 3,310,000
10.1	Component administration and management	\$ 50,000	
10.2	Develop extend orchard replacement pilot program	\$ 150,000	
10.3	Implement extend orchard replacement pilot program	\$ 1,200,000	
10.4	Stakeholder engagement, education and outreach	\$ 100,000	
7	Lindo Channel Surface Water Recharge Implementation	\$ 350,000	\$ 3,660,000
16.1	Refine Scope and Design Project	\$ 300,000	
16.2	Implementation	\$ 50,000	
8	Agricultural Surface Water Supplies Feasibility Analysis	\$ 275,000	\$ 3,935,000
8.1	Component administration & management	\$ 25,000	
8.2	Develop projects & perform initial screening	\$ 125,000	
8.3	Perform and document 5 project feasibility analyses	\$ 125,000	
9	Agricultural Irrigation Efficiency Pilot Program and Education	\$ 1,000,000	\$ 4,935,000
9.1	Component administration and management	\$ 100,000	
9.2	Develop precision irrigation piloting program	\$ 150,000	
9.3	Implement precision irrigation pilot program	\$ 500,000	
9.4	Analyze results of precision irrigation pilot program	\$ 150,000	
9.5	Stakeholder engagement, education, and outreach	\$ 100,000	
10	Groundwater Recharge Feasibility Analysis and Site Evaluation	\$ 600,000	\$ 5,535,000
15.1	Grant Administration	\$ 15,000	
15.2	Feasibility Analysis & Project Identification	\$ 150,000	
15.2a	Legal Implications for Recharge Analysis	\$ 125,000	
15.3	Groundwater Recharge Investigation & Preliminary Design	\$ 310,000	

AGENDA ITEM 7


PROPOSED 2023 VINA GSA SHAC MEETING SCHEDULE - 4TH WEDNESDAY AT 9:00 A.M.

2023

JANUARY							FEBRUARY							MARCH							APRIL						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	29	30	31	1	2	3	4	26	27	28	1	2	3	4	26	27	28	29	30	31	1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31	1	2	3	4	26	27	28	1	2	3	4	26	27	28	29	30	31	1	23	24	25	26	27	28	29
5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8	30	1	2	3	4	5	6

MAY							JUNE							JULY							AUGUST						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
30	1	2	3	4	5	6	28	29	30	31	1	2	3	25	26	27	28	29	30	1	30	31	1	2	3	4	5
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
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28	29	30	31	1	2	3	25	26	27	28	29	30	1	23	24	25	26	27	28	29	27	28	29	30	31	1	2
4	5	6	7	8	9	10	2	3	4	5	6	7	8	30	31	1	2	3	4	5	3	4	5	6	7	8	9

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2	1	2	3	4	5	6	7	29	30	31	1	2	3	4	26	27	28	29	30	1	2
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
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24	25	26	27	28	29	30	29	30	31	1	2	3	4	26	27	28	29	30	1	2	24	25	26	27	28	29	30
1	2	3	4	5	6	7	5	6	7	8	9	10	11	3	4	5	6	7	8	9	31	1	2	3	4	5	6

 SHAC Mtg
 Tentative

AGENDA ITEM 8

Linda Herman

To: SHAC Correspondence
Subject: FW: Governor Newsom Issues Executive Order to Use Floodwater to Recharge and Store Groundwater

From: Buck, Christina <CBuck@buttecounty.net>
Sent: Wednesday, March 15, 2023 4:09 PM
To: BCWater <BCWaterFrontDeskHG@buttecounty.net>
Subject: FW: Governor Newsom Issues Executive Order to Use Floodwater to Recharge and Store Groundwater

Hi All,

As you may be aware, last Friday the Governor's office released a Press Release regarding [Executive Order N-4-23](#) which allows for diversions of surface water for the purpose of accelerating groundwater recharge, and to reduce the risks of local and regional catastrophic flooding under some circumstances. See below for bullets on what the Executive Order (EO) authorizes. Given the rainfall/runoff conditions in the County to date, lots of natural recharge is occurring as rivers/creeks swell and some areas prone to limited flooding do so. I'm forwarding this to you in case you are aware of others to share it with or can directly take advantage of this opportunity to divert water to enhance recharge. If you're aware of an opportunity (now or over the next couple of months- there's more rain in the forecast and snowmelt coming too) within the County for new/additional diversions to relieve downstream flooding of "land, roads, or structures" please contact our office.

Thanks,
Christina

What does EO N-4-23 authorize?

Between March 10 to June 1, 2023, diversion of flood flows can continue under the following conditions:

- Imminent risk of flood is known

 - Diversions must stop when there is no longer a flood risk

- Use existing diversion infrastructure or temporary pumps with simple screens to minimize impacts to fish/other species

- Use existing recharge locations

- The Delta is in excess conditions when diverting (for Sac. Rv. diversions)

- Water rights permits suspended

- CEQA and CDFW 1600 compliance is suspended

What are the compliance requirements?

- No new permanent infrastructure or permanent construction

- Cannot divert water onto:

 - Dairy land areas

 - Agricultural fields where pesticides or fertilizer applicator has occurred in the past 30 days

 - Areas that could cause damage to critical levees/infrastructure, and wastewater or drinking water systems/wells

Areas that would exacerbate flood threats, or health and safety concerns
Areas that have not been in active irrigated agricultural cultivation within the past
three years, including grazing lands, annual grasslands, and natural habitats
does not apply to facilities already constructed for the purpose of groundwater recharge or
managed wetlands

Reporting is required to the GSAs & State Board

Christina R. Buck, Ph.D.

Assistant Director

Dept. of Water and Resource Conservation

Butte County

308 Nelson Avenue

Oroville, CA 95965-3302

Off: [530.552.3593](tel:530.552.3593)

Cell: 530.864.6057

cbuck@buttecounty.net

From: Governor's Press Office <govpressoffice@gov.ca.gov>

Sent: Friday, March 10, 2023 2:51 PM

TAKING ACTION TO **RECHARGE** CALIFORNIA'S GROUNDWATER.



FOR IMMEDIATE RELEASE:

Friday, March 10, 2023

Governor's Press Office: (916) 445-4571

Governor Newsom Issues Executive Order to Use Floodwater to Recharge and Store Groundwater

WHAT TO KNOW: As storms bring rain and snow to California, Governor Newsom signed an executive order that makes it easier to capture floodwater to recharge

groundwater – temporarily lifting regulations and setting clear conditions for diverting flood stage water without permits to boost groundwater recharge storage.

SACRAMENTO – Governor Gavin Newsom signed an executive order to enable local water agencies and other water users to capture water from the latest round of storms to recharge state groundwater supplies.

The order suspends regulations and restrictions on permitting and use to enable water agencies and water users to divert flood stage water for the purpose of boosting groundwater recharge. The order includes wildlife and habitat protections, ensuring that any diversions would not harm water quality or habitat or take away from environmental needs.

WHAT GOV. NEWSOM SAID: “California is seeing extreme rain and snow, so we’re making it simple to redirect water to recharge groundwater basins. This order helps us take advantage of expected intense storms and increases state support for local stormwater capture efforts.”

A copy of the executive order can be found [here](#).

[FACT SHEET: Learn more about what the state is doing to reduce flood risks and recharge groundwater basins.](#)

HOW WE GOT HERE:

- This executive order follows Governor Newsom’s [order](#) in February to protect the state’s water supplies from the impacts of climate-driven extremes in weather.
 - Allowed the State Water Project to conserve **237,000 acre-feet of water** while providing protections for Delta smelt.
 - Allowed the U.S. Bureau of Reclamation to divert over **600,000 acre-feet** of floodwaters for wildlife refuges, underground storage, and recharge.
- California has bolstered supply and storage, including a combined 1.1 million acre-feet of water – enough for 2.2 million households’ yearly usage:

- The State Water Board has authorized nearly **790,000 acre-feet** in diversions for groundwater recharge and other purposes since late December 2022.
- The State Water Board streamlined the permitting process for temporary groundwater storage permits to fast-track efforts to capture floodwater to recharge groundwater basins. So far this winter it has authorized **186,153 acre-feet for recharge** under those processes.
- DWR has awarded \$68 million to 42 groundwater recharge projects that provide nearly **117,000 acre-feet of potential recharge** capacity. Ongoing applications include 52 groundwater recharge projects worth \$211 million.
- Since 2020, the State Water Board has provided \$1 billion for 13 projects to bring **88,000 acre-feet per year** to the state’s water supplies.
- In August, the Administration released “[California’s Water Supply Strategy: Adapting to a Hotter, Drier Future](#)” calling for investing in new sources of water supply, accelerating projects and modernizing how the state manages water through new technology.
- Leveraging the more than \$8.6 billion committed by Governor Newsom and the Legislature in the last two budget cycles to build water resilience, the [state is continuing to take aggressive action](#) to prepare for the impacts of climate-driven extremes in weather on the state’s water supplies. In the 2023-24 state budget, the Governor is proposing an additional \$202 million for flood protection and \$125 million for drought related actions.

###

Governor Gavin Newsom

1021 O Street, Suite 9000

Sacramento, CA 95814

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