



Vina Groundwater Sustainability Agency

308 Nelson Avenue
Oroville, CA 95965
(530) 552-3592

Agenda Prepared: 11/12/2020

Agenda Posted: 11/12/2020

Prior to: 5:30 p.m.

VINA GROUNDWATER SUSTAINABILITY AGENCY BOARD MEETING

Regular Meeting Agenda

November 18, 2020, 5:30 p.m.

ONLINE MEETING ONLY VIA ZOOM

Materials related to an item on this Agenda are available for public inspection in the City of Chico Public Works Operation & Maintenance Office at 965 Fir Street, Chico, during normal 8 am to 5 pm business hours or online at <https://www.vinagsa.org/>

PUBLIC PARTICIPATION:

This meeting is being conducted via teleconference in accordance with Executive Order N-25-20 and N-29-20. Members of the public may virtually attend the meeting remotely using the ZOOM platform.

The public may listen to and/or participate in the Vina Groundwater Sustainability Agency (GSA) Board Meetings via landline or mobile telephone or via computer, with both video and audio enabled or audio only. If you wish to comment on an item, but do not wish to participate during the meeting, the public may submit comments prior to the meeting via email to vinagsapubliccomments@chicoca.gov. Please submit emails with the subject line "**PUBLIC COMMENT ITEM NO. ___**". The public is encouraged to not send more than one email per item or comment on numerous items in one email.

ZOOM MEETING INFORMATION:

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1. Join Zoom Meeting
 - a. <https://us02web.zoom.us/j/86983600705>
2. From a web browser <https://zoom.us/join>
 - a. When prompted, use Meeting ID: 869 8360 0705
3. Directly from your mobile phone you can tap:
 - a. +16699006833, 86983600705# US (San Jose)
4. Dial-in using your landline or mobile phone to:
 - a. 1 669 900 6833
 - b. When prompted, use Meeting ID: 869 8360 0705
5. **If you are having any issues connecting to the meeting, please call or text Kamie Loeser, Durham Irrigation District, at (530) 680-7222 for assistance.**

Please note that when you access the meeting, **you will be placed into a waiting room and admitted** into the meeting by the meeting host



Please contact the City of Chico Public Works Department at (530) 894-4200 if you require an agenda in an alternative format or if you need to request a disability-related modification or accommodation. This request should be received at least three working days prior to the meeting.

1. **REGULAR BOARD MEETING**

1.1. Call to Order

1.2. Roll Call

2. **CONSENT AGENDA** - all matters listed under the consent agenda are to be considered routine and enacted by one motion.

2.1. **APPROVAL OF 10/14/20 VINA GSA BOARD MEETING MINUTES**

Action: Approve minutes of Vina GSA Board meeting held on 10/14/20.

2.2. **APPROVAL OF THE VINA GSA MONTHLY FINANCIAL STATUS REPORT**

Action: Approve the Vina GSA Financial Status Report as of 11/6/2020.

2.3. **APPROVAL OF REVISIONS TO THE VINA GSA STAKEHOLDER ADVISORY COMMITTEE CHARTER**

At its 9/15/20 meeting, the Vina GSA Stakeholder Advisory Committee (SHAC) approved amending its Charter to:

1. Incorporate clarifications on the process for SHAC members to include items on their meeting agendas
2. Outline the level of detail to be included in the meeting notes in regard to who agreed or disagreed when making decisions
3. Require a quorum of SHAC members when making internal decisions and when making recommendations to the Vina GSA Board.

Action: Approve the proposed revisions to the Vina GSA Stakeholder Advisory Committee Charter.

3. **ITEMS REMOVED FROM CONSENT – IF ANY**

4. **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.

5. **NOTICED PUBLIC HEARINGS** NONE

6. **REGULAR AGENDA**

6.1. **CONSIDERATION OF A COOPERATION AGREEMENT WITH THE ROCK CREEK RECLAMATION DISTRICT.**

The Board will consider a proposed Cooperation Agreement with the Rock Creek Reclamation District, which is another Groundwater Sustainability Agency (GSA) for the Vina groundwater subbasin. The Agreement provides for both agencies to work together to develop a single GSP and to comply with other Sustainable Groundwater Management Act (SGMA) requirements.

Recommendation: Approve the Cooperation Agreement and authorize the Chair to sign the Agreement.

6.2. UPDATE ON THE DEVELOPMENT OF THE VINA GROUNDWATER SUSTAINABILITY PLAN (GSP)

Staff will provide an update on the development of the Vina GSP which will include development of Sustainable Management Criteria, and efforts to coordinate with other neighboring subbasins and GSAs. **(Presentation – Paul Gosselin)**.

Recommendation: Accept as information and provide direction to Staff as appropriate.

7. COMMUNICATIONS AND REPORTS

These items are provided for the Board's information. Although the Board may discuss the items, no action can be taken at this meeting. Should the Board determine that action is required, the item or items may be included for action on a subsequent posted agenda.

7.1 Vina GSA Management Committee Updates

7.1.1 Vina Stakeholder Advisory Committee Update **(Report -Kelly Peterson)**

7.1.2 Update on the DWR Technical Support Services Facilitation Services with Consensus Building Institute (CBI) **(Verbal Report-Paul Gosselin)**

7.1.3 Tuscan Water District Update **(Verbal Report-Paul Gosselin)**

8. ADJOURNMENT – The meeting will adjourn to the next regular Vina GSA Board meeting on 12/09/20.



Vina Groundwater Sustainability Agency

308 Nelson Avenue
Oroville, CA 95965
(530) 552-3592

**VINA GROUNDWATER SUSTAINABILITY AGENCY
BOARD MEETING MINUTES**

Regular Meeting
October 14, 2020, 5:30 p.m.

ONLINE MEETING ONLY VIA ZOOM

NOTE: PUBLIC PARTICIPATION: This meeting was conducted via teleconference in accordance with Executive Order N-25-20 and N-29-20. The public was able to view the meeting via the ZOOM platform.

Public comments were also accepted by email sent to vinagsapubliccomments@chicoca.gov before the meeting and during the meeting, prior to the close of public comment on an item.

1. REGULAR BOARD MEETING

1.1. Call to Order

Called to order by Chair Schwab at 5:30 p.m.

1.2. Roll Call

Board Members Present:

Evan Tuchinsky
Ann Schwab
Steve Lambert
Jeffrey Rohwer
Raymond Cooper

Board Members Absent:

None

Staff Present:

Erik Gustafson (City of Chico Public Works Director), Paul Gosselin (BCDWRC Director), Kelly Peterson (BCDWRC Water Resource Scientist), Kamie Loeser (Durham Irrigation District), Valerie Kincaid (Attorney O’Laughlin & Paris LLP), and Linda Herman (City of Chico Park and Natural Resources Manager)

2. CONSENT AGENDA - all matters listed under the consent agenda are to be considered routine and enacted by one motion.

2.1. APPROVAL OF 9/09/20 VINA GSA BOARD MEETING MINUTES

Action: Approve minutes of Vina GSA Board meeting held on 9/09/20.

2.2. APPROVAL OF THE REVISED 2020-2021 VINA GSA BUDGET

The 2020-2021 annual budget was approved by the Board on 8/12/20. The Auditor is requiring a few minor adjustments to the budget.

Action: Approve the revised annual budget for fiscal year 2020-2021.

2.3. APPROVAL OF THE VINA GSA MONTHLY FINANCIAL STATUS REPORT

Action: Approve the Vina GSA Financial Status Report for the period of 7/1/2020 to 10/6/2020.

Board Member Tuchinsky motioned to approve the consent agenda. Seconded by Board Member Lambert.

Motion carried as follows:

AYES: Board Member Tuchinsky, Chair Schwab, Board Member Lambert, Board Member Rohwer, Board Member Cooper.

NOES: None

3. **ITEMS REMOVED FROM CONSENT – NONE**

4. **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.

Email comments were received from Jim Brobeck before the meeting and Jim Brobeck addressed the Board during the meeting.

5. **NOTICED PUBLIC HEARINGS** NONE

6. **REGULAR AGENDA**

6.1. **DISCUSSION OF THE DRAFT BASIN SETTING CHAPTER FOR THE VINA GROUNDWATER SUSTAINABILITY PLAN (GSP)**

Staff provided a summary of the draft basin setting chapter. *(Report - Dr. Christina Buck)*.

Bruce Smith, Debra Lucero, and Jim Brobeck all commented during the meeting.

Board Member Tuchinsky provided direction to staff expressing support for expansion of the shallow monitoring network and supports staff evaluation of the assumptions and data used for the Climate Action Plans of the City of Chico and Butte County to understand similarities or differences with the approach taken for the Basin Setting work. Outcome of the comparison to be considered by the Board in the future if significant differences exist.

6.2. **UPDATE ON THE DEVELOPMENT OF THE VINA GSP**

Staff provided an update on the development of the GSP. *(Presentation – Paul Gosselin)*.

This was an informational item only. No action was taken.

7. **COMMUNICATIONS AND REPORTS**

These items are provided for the Board's information. Although the Board may discuss the items, no action can be taken at this meeting. Should the Board determine that action is required, the item or items may be included for action on a subsequent posted agenda.

7.1 Vina GSA Management Committee Updates

7.1.1 Vina Stakeholder Advisory Committee Update *(Report -Kelly Peterson)*

7.1.2 Prop 1 Grant Update *(Report-Paul Gosselin)*

7.1.3 Tuscan Water District Update *(Verbal Report-Paul Gosselin)*

8. **ADJOURNMENT** – The meeting adjourned at 7:12 p.m. to the next regular Vina GSA Board meeting on November 18, 2020 *(date changed due to the Veteran's Day holiday on 11/11/20)*.



**Vina
Groundwater Sustainability Agency
Agenda Transmittal**

Agenda Item: 2.2

Subject: Vina GSA Financial Report

Contact: Kelly Peterson

Phone: 530-552-3588

Meeting Date: 11-18-20

Consent Agenda

Department Summary: Attached is the financial report for the 2020-2021 fiscal year for the Vina GSA as of 11/6/20.

Fiscal Impact: None

Staff Recommendation: Approve the financial report.



Vina GSA Financial Report		Fund Balance:	\$	13,541.05
FY 2020-2021 (7/1/2020 - 6/30/2021)		Balance Date:		11/6/2020
Expenditures				
Budget Item	Date	Amount	Notes	
Legal				
O'Laughlin & Paris	8/25/20	\$ 1,785.00		
O'Laughlin & Paris	10/6/20	\$ 1,330.00		
Total Legal Spent		\$ 3,115.00		
Legal Budget		\$ 10,000.00		
% of Legal Budget Spent			31%	
Insurance				
Golden State Risk Management Authority	7/7/20	\$ 1,800.00	GSA insurance	
Total Insurance Spent		\$ 1,800.00		
Insurance Budget		\$ 1,800.00		
% of Insurance Budget Spent			100%	2020 fees increased by \$300
Audit				
Total Audit Spent		\$ -		
Audit Budget		\$ 2,000.00		
% of Audit Budget Spent			0%	
Contingency				
Total Contingency Spent		\$ -		
Contingency Budget		\$ 1,080.00		
% of Contingency Budget Spent			0%	
Website				
Total Website Spent		\$ -		
Website Budget		\$ 240.00		
% of Website Budget Spent			0%	
All Expenditures		\$ 4,915.00		
Total Budget for Expenditures		\$ 15,120.00		
% of Budget Spent			33%	

Vina GSA Financial Report

FY 2020-2021 (7/1/2020 - 6/30/2021)

Revenue			
Budget Item	Date	Amount	Notes
Member Agency Contributions			
City of Chico	7/28/20	\$ 5,000.00	
Durham Irrigation District	9/17/20	\$ 1,000.00	
Durham Irrigation District	9/17/20	\$ 1,000.00	
Durham Irrigation District	9/29/20	\$ 1,000.00	
Durham Irrigation District	10/29/20	\$ 1,000.00	Additional \$1K in payments are planned
Total Member Agency Contributions Received		\$ 9,000.00	Note: Butte County's FY 20-21 contributions (\$7K) were posted in previous FY and included in carry over balance
Total Member Agency Contributions Budget		\$ 16,000.00	
% of Member Agency Contributions Budget Received		100%	
Interest	7/1/20	\$ 41.99	Interest from last quarter
	10/15/20	\$ 36.55	Interest from last quarter
	Total Interest Received	\$ 78.54	
	Total Interest Budget	\$ 120.00	
	% of Interest Budget Received	65%	
All Revenue		\$ 9,078.54	
Total Budget for Revenue		\$ 16,120.00	
% of Budget Received		56%	
Fund Balance			
Starting Balance 7/1/2020	\$		9,377.51
Expenses	\$		4,915.00
Revenue	\$		9,078.54
Fund Balance 11/6/20	\$		13,541.05





Vina
Groundwater Sustainability Agency
Agenda Transmittal

Agenda Item: **2.3**

Subject: Proposed Revisions to the Vina GSA Stakeholder Advisory Committee (SHAC) Charter by the SHAC

Contact: Kelly Peterson

Phone: 530-552-3588

Meeting Date: 11/18/20

Consent Agenda

Department Summary: The Vina GSA Stakeholder Advisory Committee (SHAC) held their first meeting in December of 2019, and through consensus, approved the group's Charter in February 2020. The Vina GSA Board approved the original SHAC Charter in March of 2020. The following two SHAC meetings were cancelled due to COVID-19. In May 2020 the SHAC met again virtually and began discussing draft revisions to their Charter. At the September 2020 SHAC meeting, with nine out of ten SHAC members in attendance, the unhighlighted proposed revisions in the attached track changes document were approved by consensus of the SHAC.

Overall, the proposed revisions are centered on:

1. Incorporating clarification on the process for SHAC members to include items on their meeting agendas
2. Outlining the level of detail to be included in the meeting notes in regards to who agreed or disagreed when making decisions
3. Requiring a quorum of SHAC members when making internal decisions and when making recommendations to the Vina Groundwater Sustainability Agency (GSA) Board.

According to the proposed revisions, if a SHAC member would like to add an item to the agenda, members may submit agenda items to the Management Committee at least 5 business days before the meeting takes place to ensure inclusion on the SHAC meeting agenda. If agenda topic(s) are submitted less than 5 days prior to a SHAC meeting, the topic(s) will be placed on the subsequent meeting's agenda.

The proposed revisions also state that meeting notes will capture the names and number of SHAC members in support or opposition when making decisions including, but not limited to, recommendations to the Vina GSA Board.

Lastly, the proposed revisions include a requirement for a quorum within the SHAC when making decisions including, but not limited to, recommendations to the GSA Board. A quorum is defined as the majority of seated members, regardless of the number of SHAC members in attendance.

The revised Charter was then reviewed by Valerie Kincaid (counsel of the Vina GSA) who had few minor additional revisions, which are highlighted in yellow in the track changes document. This revised version of the Charter with the additional revisions from Ms. Kincaid will be presented to the SHAC as an informational item at their next upcoming meeting on November 17, 2020.

Fiscal Impact: None

Staff Recommendation: Approve the proposed revisions to the Vina GSA Stakeholder Advisory Committee Charter.



Vina Groundwater Sustainability Agency DRAFT Advisory Committee Charter (version: 8/12/20)

Purpose

The purpose of the Stakeholder Advisory Committee (SHAC) is to provide input and recommendations to the Groundwater Sustainability Agency (GSA) Board of Directors on groundwater sustainability plan development and implementation. The intent of the SHAC is to provide community perspective and participation in Sustainable Groundwater Management Act (SGMA) implementation.

The SHAC will review and/or provide recommendations to the GSA Board on groundwater-related issues that may include:

- Development, adoption, amendment of the GSP
- Sustainability goals and objectives
- Best management practices
- Monitoring programs
- Annual work plans and reports (including mandatory 5-year milestone reports)
- Modeling scenarios
- Inter-basin coordination activities
- Projects and management actions to achieve sustainability
- Community outreach
- Local regulations to implement SGMA
- Fee proposals
- Other

The SHAC will not be involved in the GSA's day to day operations, such as contracting, budgeting, etc.

Brown Act, Open Process, and Conflicts of Interest

All meetings of the SHAC are open to the public. The GSA will announce SHAC meetings through its regular communication channels.

SHAC meetings are subject to the Brown Act. The SHAC shall adopt a schedule and physical location for regular meetings, and meeting agendas shall be posted in accordance with the Brown Act. Under extenuating circumstances that may preclude the SHAC from holding in-person meetings, the SHAC may consider offering a video-conferencing option. However, all attempts will be made to hold in-person meetings, particularly when substantive discussion and formal recommendations are being considered by the SHAC.



Vina Groundwater Sustainability Agency DRAFT Advisory Committee Charter (version: 8/12/20)

All SHAC meetings shall provide for public comment in accordance with the Brown Act, including non-agenda public comment and public comment on individual agenda items. Speakers will generally be limited to 3 minutes, but time may be adjusted based upon meeting circumstances. As needed, time limits may be placed on public comments to ensure the SHAC is reasonably able to address all agenda items during the course of the meeting. Special and emergency meetings need not provide for non-agenda public comment, but such comment may be allowed in the SHAC's discretion. Members of the SHAC are subject to all applicable conflict of interest laws including Government Code section 1090 and the California Political Reform Act. The Board shall adopt a conflict of interest code for the SHAC.

Roles and Responsibilities

GSA Board of Directors

The Board commits to the value of the SHAC and will consider SHAC recommendations when making its policy decisions.

Stakeholder Advisory Committee

The role and responsibility of the SHAC is to solicit and incorporate community and stakeholder interests into recommendations on SGMA implementation in the Vina subbasin for the Board to consider in its decision-making process.

The criteria for SHAC members are to:

- Serve as a strong, effective advocate for the interest group represented
- Work collaboratively with others
- Commit time needed for ongoing discussions
- Collectively reflect diversity of interests

As part of membership, members agree to:

- Arrive at each meeting fully prepared to discuss the issues on the agenda. Preparation may include reviewing meeting summaries, technical information, and draft documents distributed in advance of each meeting.
- Present their constituent members' views on the issues being discussed and be willing to engage in respectful, constructive dialogue with other members of the group.
- Develop a problem-solving approach in which they consider the interests and viewpoints of all group members, in addition to their own.
- Keep their constituencies informed about the deliberations and actively seek their constituents' input.
- ~~When guaranteed~~ When desired, submit agenda items to the Management Committee, send a request to add items to meeting agendas to the management committee at least 48 hours before materials are posted on the website 5 business days before the meeting takes place to ensure the Committee is able to consider inclusion on the SHAC meeting agenda. If agenda topic(s) are submitted less than 5 days prior to a SHAC meeting, the topic(s) will be placed



Vina Groundwater Sustainability Agency DRAFT Advisory Committee Charter (version: 8/12/20)

~~enconsidered for the subsequent meeting's agenda., which corresponds to at least five business days before the SHAC meeting takes place.~~

Management Committee

- Maintain a current roster of SHAC members.
- Work with GSA Board to fill SHAC vacancies, as needed.
- Prepare agendas for SHAC meetings.
- Notice all meetings in accordance with the Brown Act.
- Staff all meetings, record minutes and develop and distribute meeting summaries.
- Work with SHAC and GSA Board to develop annual workplan and schedule for SHAC meetings.
- Facilitate the process of incorporating SHAC recommendations into Board packets.
- Provide options and ensure records for AC 1234 Ethics Training and Brown Act Training for SHAC members.
- Maintain a record of all meeting materials.

Facilitator

As resources allow, a third-party facilitator may provide impartial facilitation services for SHAC meetings. The facilitator's primary responsibility is to ensure an open process where all member interests are heard and thoughtfully considered. To this end, the facilitator works on behalf of the process and the members contributing to SHAC efforts. Specific responsibilities include:

- Support the Management Committee in developing and distributing SHAC agendas and relevant materials.
- Advocate for a fair, effective, and credible process, but remain impartial with respect to the outcome of the deliberations.
- Apply collaborative, mutual-gain negotiation methods that foster openness and identify areas of preliminary and final consensus agreement for advice and recommendations to the Board.
- In the absence of consensus, help identify areas of agreement and disagreement.
- Check in with members as needed to ensure all issues are identified and explored.
- Coordinate with Management Committee to ensure accurate, impartial documentation of meetings and agreements (i.e. meeting summaries and recommendation reports).
- Ensure all members uphold the tenets of the charter.

Membership

Composition of the SHAC is intended to represent the beneficial uses and users of groundwater



Vina Groundwater Sustainability Agency DRAFT Advisory Committee Charter (version: 8/12/20)

identified in SGMA. SHAC members may not serve concurrently on the GSA Board. Members must live or work with in the Vina subbasin or represent an organization with a presence in the Vina subbasin.

The GSA Board will appoint a representative to the SHAC, for a total not to exceed 10 members. The following represents a draft, proposed list of possible SHAC representation:

- Cal Water (1)
- CSU Chico (1)
- Butte College (1)
- Agricultural groundwater users (3)
- At-large domestic well users (2)
- At-large environmental representative (1)
- At-large business representative (1)

The GSA Board may appoint other interests representing beneficial users and uses of groundwater as per Water Code Section 10723.3.

Member Appointment

The GSA Board will appoint At-large members to fill SHAC seats. Interested individuals from the community or organizations may apply to the GSA Board, designating in the application the seat that the applicant would intend to fill.

The GSA Board encourages candidates with experience and familiarity with groundwater and its management. The GSA Board will also give preference to applicants who have the backing of multiple organizations or individuals and/or have experience working with diverse community-based groups.

Application Timeline

The GSA Board will establish a timeline and process for appointment of the initial SGAC following GSA formation. In subsequent years, applicants will submit an application for vacant seats. The GSA will post applications on its website.

Stakeholder Advisory Committee Member Terms

SHAC member seats are 4-year terms. SHAC members are not term-limited. However, each term SHAC members must resubmit an application to the GSA Board.

SHAC members serve at the will of the GSA Board and may be removed by the Board with or without cause upon a super majority vote by the Board. SHAC members may also be removed from the Committee **at such time as they no longer meet the membership requirements or** for failure to attend three consecutive meetings unless there are extenuating circumstances as determined by the GSA Board.



Vina Groundwater Sustainability Agency DRAFT Advisory Committee Charter (version: 8/12/20)

Decision Making and Governing Board Consideration

To inform GSA Board decision-making, the SHAC will provide written recommendations that will be included in Management Committee reports. The recommendations will identify areas of agreement and disagreement. The SHAC will strive for consensus when possible, but reaching consensus is not necessary. Consensus means that everyone can at least live with a recommendation. When unable to reach consensus on recommendations, the SHAC will outline the areas in which it does not agree, providing some explanation to inform GSA Board decision-making. A quorum is required when making internal decisions including, but not limited to, and recommendations to the GSA Board, which is defined as the majority of seated members, regardless of the number of SHAC members in attendance.

Pursuant to GSA Board direction, the Management Committee will develop the annual work plan and schedule for SHAC meetings. The SHAC will adopt a charter describing its purpose, operating principles and ground rules that will be confirmed by the GSA Board of Directors.

The GSA Board will consider SHAC recommendations when making decisions. If that GSA Board does not agree with the recommendations of the SHAC, the GSA Board shall state the reasons for its decision.

The Management Committee in coordination with the Facilitator, if applicable, develops meeting notes memorializing discussion points, agreements, the range of opinions when consensus is not achieved, action items and next steps. Meeting notes will capture the names and number of SHAC members in agreement or disagreements support or opposition when making internal decisions and offermaking decisions including, but not limited to, recommendations to the Vina GSA Board. Following SHAC meetings, meeting notes will be distributed to the SHAC for review and comments after the Management Committee's initial review. The Management Committee in coordination with the Facilitator, if applicable, incorporates into the meeting notes any and all comments received by SHAC members and prepares a draft final version for final review and approval at the subsequent SHAC meeting. The Management Committee/Facilitator then distributes the final, approved meeting notes to the SHAC. The final version of the meeting notes will also be used by the Management Committee to develop staff reports to the Vina GSA board.

Process Agreements and Ground Rules

To conduct a successful collaborative process, all SHAC members will work together to create a constructive, problem solving environment. To this end, all members agree to the following process agreements which the SHAC will use, and to ground rules which will guide individual and group behavior.

Process Agreements

- ✓ Everyone agrees to negotiate in good faith. All participants agree to participate in decision making, to act in good faith in all aspects of this effort and to communicate their interests during



Vina Groundwater Sustainability Agency DRAFT Advisory Committee Charter (version: 8/12/20)

meetings. Good faith also requires that members not make commitments they do not intend to follow through with, and that members act consistently in the meetings and in other forums where the issues under discussion in these meetings are also being discussed.

- ✓ Everyone agrees to address the issues and concerns of the participants. Everyone who is joining in the SHAC is doing so because s/he has a stake in the issue at hand. For the process to be successful, all the members agree to validate the issues and concerns of the other members and strive to reach an agreement that takes all the issues under consideration. Disagreements will be viewed as problems to be solved, rather than battles to be won.
- ✓ Everyone agrees to inform and seek input from their constituents about the outcome of the facilitated discussions. To the extent possible, scheduling will allow for members to inform and seek input from their constituents, and others about discussions.
- ✓ Everyone agrees that members can meet with other organizational or interest group members in accordance with the Brown Act. SHAC members may find it helpful to meet with other organizations or interest group members and to consult with constituents outside of the meeting so the member is better able to communicate community concerns on the issues at hand.
- ✓ Everyone agrees to attend all the meetings to the extent possible. Continuity of the conversations and building trust are critical to the success of the Advisory Committee. Members are encouraged to turn off cell phones and focus on the issue at hand. GSA staff or the facilitator will coordinate the meeting schedule.

Ground Rules

- ✓ Use Common Conversational Courtesy: Treat each other with mutual respect as you discuss and deliberate groundwater issues.
- ✓ All Ideas and Points of View Have Value: The goal is to achieve understanding. Simply listen, you do not have to agree. If you hear something you do not agree with or you think is "silly" or "wrong," please remember that the purpose of the forum is to share ideas.
- ✓ Be Honest, Fair, and as Candid as Possible: Put your interests forward, help others understand you and listen actively in order to understand others.
- ✓ Avoid Editorials: It will be tempting to analyze the motives of others or offer editorial comments. Please talk about your own ideas and thoughts. Avoid commenting on why you believe another



Vina Groundwater Sustainability Agency DRAFT Advisory Committee Charter (version: 8/12/20)

participant thinks something.

- ✓ Honor Time, Be Concise and Share the Air: Help ensure an inclusive discussion by being cognizant of time constraints, stating your views clearly and concisely, and sharing the air so others can participate as well.
- ✓ Think Innovatively and Welcome New Ideas: Creative thinking and problem solving are essential to success. “Climb out of the box” and attempt to think about the problem in a new way.
- ✓ Invite Humor and Good Will: Don’t hesitate to bring levity and humor to the process when warranted, as this often helps collaborative discussions.

Amendments

The SHAC can recommend future changes to the charter. The Board may amend the charter when needed using its decision-making procedure.



**Vina
Groundwater Sustainability Agency
Agenda Transmittal**

Agenda Item: 6.1

Subject: Cooperation Agreement Between the Vina Groundwater Sustainability Agency and the Rock Creek Reclamation District Groundwater Sustainability Agency

Contact: Paul Gosselin

Phone: 530-574-7443

Meeting Date: Wednesday,

Regular Agenda

Department Summary: The Vina Groundwater Sustainability Agency (GSA) and the Rock Creek Reclamation District GSA are the two Agencies in the Vina subbasin responsible for implementing the Sustainable Groundwater Management Act (SGMA). The two Agencies desire to cooperate to develop and implement a single Groundwater Sustainability Plan (GSP) for the Vina subbasin. A Cooperation Agreement between the Vina GSA and the Rock Creek Reclamation District GSA intends that the two Agencies will cooperate on the implementation of SGMA including a single GSP for the Vina subbasin. The Cooperation Agreement provides for preservation of rights and authorities of each Agency.

Under the Cooperation Agreement, the Agencies will designate two members of its governing body or staff to serve on a Joint Management Committee to foster interagency coordination. The Management Committee meetings will be publically noticed and conducted under the Brown Act. The Joint Management Committee will work to develop recommendations for technical and substantive basin-wide issues to their respective governing boards. The Cooperation Agreement provides for joint stakeholder outreach, improved communication, and participation in the development of the Vina GSP. The Cooperation Agreement does not obligate any resources, but allows for each Agency to voluntarily provide in-kind support to carry out the Cooperation Agreement.

Either Agency can withdraw from the Cooperation Agreement at any time after a 30-day notice is provided. The Rock Creek Reclamation District GSA approved the Cooperation Agreement on November 9, 2020. The Vina GSA Management Committee recommends that the Vina GSA Board approve the Cooperation Agreement and authorize the Chair to sign.

Fiscal Impact: None

Staff Recommendation: Approve the Cooperation Agreement and authorize the Chair to sign.

**COOPERATION AGREEMENT
BETWEEN THE VINA GROUNDWATER SUSTAINABILITY AGENCY AND THE
ROCK CREEK RECLAMATION DISTRICT GROUNDWATER SUSTAINABILITY
AGENCY**

THIS COOPERATION AGREEMENT is entered into and effective this 19th day of November, 2020 (“**Effective Date**”), by and among the Vina Groundwater Sustainability Agency (“Vina GSA”) and the Rock Creek Reclamation District acting in the capacity of its Rock Creek Reclamation District Groundwater Sustainability Agency (“Rock Creek GSA”) (collectively “**Parties**” or individually a “**Party**”).

RECITALS

A. On August 29, 2014, the California Legislature passed comprehensive groundwater legislation contained in SB 1168, SB 1319 and AB 1739. Collectively, those bills, as subsequently amended, enacted the “Sustainable Groundwater Management Act” (“SGMA”). Governor Brown signed the legislation on September 16, 2014 and it became effective on January 1, 2015.

B. Each of the Parties overlies the Sacramento Valley Groundwater Basin, Vina Subbasin, California Department of Water Resources (“DWR”) Basin No. 5-21.57 as its boundaries may be modified from time to time in accordance with Water Code Section 10722.2 (the “Basin”).

C. The Rock Creek GSA elected to manage the groundwater for its boundaries and act as the Groundwater Sustainability Agency (“GSA”) pursuant to SGMA with the DWR on or about November 14, 2016.

D. The Vina GSA elected to manage the groundwater over the boundaries of its members and act as the GSA pursuant to SGMA with the DWR on or about June 5, 2019.

E. The Parties desire, through this Agreement, to cooperate in the work of the GSAs and the management of the Basin, in accordance with SGMA.

THEREFORE, in consideration of the mutual promises, covenants and conditions herein set forth, the Parties agree as follows:

ARTICLE 1: DEFINITIONS

1.1 **Definitions.** As used in this Agreement, unless the context requires otherwise, the meaning of the terms hereinafter set forth shall be as follows:

a. “**Agreement**” shall mean this Cooperation Agreement between the Rock Creek GSA and the Vina GSA.

b. “**Basin**” shall mean Vina Groundwater Subbasin, California Department of Water Resources Basin No. 5-21.57 as its boundaries may be modified from time to time in accordance with Water Code Section 10722.2.

- c. **“Basin-Wide Activities”** shall mean those activities or actions that affect the Basin as a whole, or are otherwise required by SGMA to be determined as the Basin level.
- d. **“Coordination Agreement”** shall mean a legal agreement adopted between two or more GSAs that provides the basis for intra-basin coordination for more than one groundwater sustainability plan (“GSP”) within a single basin.
- e. **“DWR”** shall mean the California Department of Water Resources.
- f. **“Effective Date”** shall be as set forth in the Preamble.
- g. **“Groundwater Sustainability Agency”** or **“GSA”** has the meaning set forth in Water Code § 10721(j).
- h. **“Groundwater Sustainability Plan”** or **“GSP”** shall mean a plan of a Groundwater Sustainability Agency or Agencies adopted pursuant to SGMA.
- i. **“Joint Management Committee”** shall mean a committee comprised of two representatives from the governing board and/or staff of both of the Parties.
- j. **“Management Area”** shall mean the area within the boundaries of a GSA that are managed separately or differently than the remainder of the GSP for the Basin.
- k. **“Members”** shall mean the member agencies of Vina GSA’s Joint Powers Agreement.
- l. **“Parties”** shall mean any of the signatories to this Agreement.
- m. **“Project Agreement”** shall mean a separate Agreement amongst and between the Parties for a specific project, whose purpose, terms, or financial contributions are different than those set forth in this Agreement.
- n. **“SGMA”** shall mean the Sustainable Groundwater Management Act of 2014 and all regulations adopted under the legislation (SB 1168, SB 1319 and AB 1739) that collectively comprise the Act, as that legislation and those regulations may be amended from time to time.

ARTICLE 2: KEY PRINCIPLES

2.1 The Parties intend to work together in mutual cooperation to develop a GSP in compliance with SGMA, for the sustainable management of groundwater for the Basin.

2.2 Subject to the terms and limitations of this Agreement, including reservation of rights and authorities set forth in Section 2.4, below, the Parties intend to mutually cooperate to the extent possible to implement the GSP within the Basin in a manner consistent with SGMA.

2.3 The Parties expressly intend that this Agreement shall not limit or interfere with the respective Parties’ rights and authorities over their own internal matters, including, but not limited

to, a Party's legal rights to surface water supplies and assets, groundwater supplies and assets, facilities, operations, water management and water supply matters. The Parties make no commitments by entering into this Agreement to share or otherwise contribute their water supply assets as part of the development or implementation of a GSP.

2.4 Nothing in this Agreement is intended to modify or limit a Party's police powers, land use authorities, or any other authority.

2.5 The Parties intend to collaborate in obtaining consulting, administrative and management services needed to efficiently and effectively develop a GSP, to conduct outreach to other Basin agencies and private parties, and to identify mechanisms for the management and funding commitments reasonably anticipated to be necessary for the purposes of this Agreement.

ARTICLE 3: FORMATION, PURPOSE AND POWERS

3.1 **Recitals:** The foregoing recitals are incorporated by reference.

3.2 **Certification.** Each of the Parties certifies and declares that it is a public agency that is designated as a GSA and authorized to manage groundwater for the portion of the Basin for which it, or its members overlie.

3.3 **Purpose of the Agreement.** The purposes of this Agreement are to:

- a. Cooperatively carry out the purposes, goals and objectives of SGMA;
- b. Provide for cooperation amongst and between the Parties to develop a GSP;
- c. Implement, where consistent with the terms and limitations of this Agreement, a legally sufficient GSP in compliance with SGMA for the Basin; and

3.4 **Authority Under the Agreement.** To the extent authorized by governing boards of the Parties, subject to the limitations set forth in this Agreement and the limitations of all applicable laws, the Parties may:

- a. Coordinate the implementation of projects and actions to be developed and included in the GSP;
- b. Adopt coordinated actions, rules, regulations, policies, and procedures related to implementation of the GSP;
- c. Perform all acts necessary or proper to carry out fully the purposes of this Agreement and to exercise all other powers necessary and incidental to the implementation of the powers set forth herein.

3.5 **Powers Reserved to Parties.** Each of the Parties will have the sole and absolute right, in its sole discretion, to:

- a. Act as a GSA within its boundaries or the Management Area managed in whole or in part by such Parties;
- b. Approve any portion, section or chapter of the GSP developed pursuant to this Agreement;
- c. Exercise powers and authorities granted to each Party pursuant to SGMA or under that Party's enabling legislation;
- d. Exercise authority to implement SGMA and any GSP adopted pursuant to this Agreement;
- e. Defend any challenge to the adoption or implementation of a GSP developed pursuant to this Agreement; and
- f. The right to terminate this Agreement pursuant to Article 7, below.
- g. Notwithstanding anything to the contrary in this Agreement, this Agreement does not provide any Parties the authority to undertake any activities within the geographic or service area boundaries of any other Parties pursuant to the GSP developed or adopted hereunder, unless the Parties have formally and expressly consented and agreed in writing to the activity proposed.

3.6 **Term.** This Agreement shall be effective as of the Effective Date and shall remain in effect until terminated in accordance with Article 7.4 of this Agreement.

3.7 **Participation of Parties.** Each of the Parties agrees to undertake such additional proceedings or actions as may be necessary in order to carry out the terms of this Agreement, including the support of its Members, to participate in this Agreement. This support will involve the following types of actions:

- a. Each Party agrees to designate two members of its governing body, staff, or other designated representative(s) to serve on the Joint Management Committee and to provide assistance to any third party facilitating the development of the GSP by making available staff time, information and facilities within available resources.
- b. Each of the Parties may contribute public resources including but not limited to personnel, services, equipment or property to facilitate this Agreement. Such in-kind resource support is made in order to facilitate this Agreement and comply with SGMA; without a separate Project Agreement, the contributions shall not be made with the expectation of reimbursement from other Parties.

3.8 **Other Officers and Employees.** To the extent the Parties need support from employees, officers, consultants or otherwise need to hire employees, and such retention requires financial contribution of the Parties, the Parties may do so through amendment of this Agreement setting forth the terms and conditions of such support.

ARTICLE 4: GOVERNANCE

4.1 **Joint Management Committee.** Activities under this Agreement will be guided by the appointed management committees of each Party (“Joint Management Committee”), the composition of which is set forth in Section 3.7(a). The Joint Management Committee shall work collaboratively under this Agreement for the purpose of attempting to develop recommendations for technical and substantive Basin-wide issues. Recommendations from the Joint Management Committee that require approval or action of the Parties shall, upon unanimous consent of the Joint Management Committee, be provided to each Parties’ respective governing boards for consideration of adoption, approval, or other recommended action. The Joint Management Committee may consider the following topics and make recommendations to the Parties governing boards:

- a. Develop budget(s) for any project or program where joint funding from the Parties is proposed;
- b. Draft reports or options with regard to decisions related to proposing new or enhanced taxes, assessments or property-related fees and charges;
- c. Propose guidance and options for obtaining grant funding;
- d. Recommend the adoption of rules, regulations, policies, and procedures related to the Agreement;
- e. Recommend the approval of contracts with consultants or subcontractors that would undertake work on behalf of the Parties pursuant to this Agreement;
- f. Update each Party’s respective governing boards on specific issues, including the development of the GSP, when appropriate or requested;
- g. Advise the Parties when the convening of an Ad Hoc committee is needed to resolve an impasse or inability to make a consensus recommendation;
- h. Conduct outreach with stakeholder groups;
- i. Participate and guide the development of GSP and materials in support thereof;
- j. Recommend action and/or approval of a GSP; and

All other topics consistent with the terms of this Agreement.

4.2 **Meetings.** The Joint Management Committee shall provide for regular and special meetings in accordance with Chapter 9, Division 2, Title 5 of Government Code of the State of California (the “Ralph M. Brown Act” commencing at Section 54950), and any subsequent amendments of those provisions.

4.3 **Advisory Committees.** The Joint Management Committee may utilize existing advisory committees of each Party and/or establish other advisory committees, technical committees or other committees for any purpose, including but not limited to the GSP purposes in Water Code Section 10727.8.

4.4 **Impasse Resolution.** To the extent the Joint Management Committee is unable to make a unanimous recommendation on an issue for which their respective governing boards need to make a decision, the Joint Management Committee may recommend that the Parties convene an Ad Hoc committee comprised of not more than two members of each Parties' governing board members in an attempt to resolve the impasse.

ARTICLE 5: INFORMATION AND DATA SHARING

5.1 **Exchange of Information.** The Parties acknowledge and recognize pursuant to this Agreement and SGMA, the Parties may need to exchange information amongst and between the Parties and will do so through collaboration and/or informal requests made at the Joint Management Committee level or through working/stakeholder committees. To the extent it is necessary to make a written request for information to other Parties, it will be communicated in writing and transmitted in person or by mail, facsimile machine or other electronic means to the appropriate representative as named in this Agreement.

ARTICLE 6: FINANCIAL PROVISIONS

6.1 **Contributions and Funding.** The funding and implementation of the GSP will be initially funded through a grant award from the Department of Water Resources ("DWR"). Any funding not covered by grant shall be funded by separate unanimous agreement of the Parties.

6.2 **DWR Grant.** The DWR grant is being administered by Butte County on behalf of the Vina GSA, the Rock Creek GSA and all of the GSAs in adjoining Butte and Wyandotte Creek subbasins. To the extent practicable and consistent with this Agreement, the DWR grant will develop common components of the GSP. For GSP components subject to the independent discretion of the Parties, the Parties agree to utilize the DWR grant in an efficient and equitable manner.

6.3 **Funding Responsibility.** Each of the Parties shall be responsible to fund its participation in this Agreement. Each of the Parties will be solely responsible for raising funds for payment of the Parties' share of operating and administrative costs. The obligation of each of the Parties to make payments under the terms and provisions of this Agreement is an individual and severable obligation and not a joint obligation with those of the other Parties. Each of the Parties shall be individually responsible for its own covenants, obligations, and liabilities under this Agreement. No Parties shall be precluded from independently pursuing any of the activities contemplated in this Agreement. No Parties shall be the agent or have the right or power to bind any other Parties without such Parties' express written consent, except as expressly provided in this Agreement.

6.4 **Alternate Funding Sources.** The Parties may jointly seek to secure additional contributions of grant funding, state, federal, or county funding as funding or a portion of funding for implementation of the GSP, including projects and management actions that benefit the Basin.

ARTICLE 7: DISPUTE RESOLUTION, WITHDRAWAL AND TERMINATION

7.1 **Dispute Resolution.** It is the desire of the Parties to informally resolve all disputes and controversies related to this Agreement, whenever possible, at the least possible level of formality and cost. If a dispute occurs, one representative of each Party shall meet and confer in an attempt to resolve the matter. If informal resolution cannot be achieved, the matter will be referred to the Joint Management Committee for resolution. The Joint Management Committee may engage the services of a trained mediator or resort to all available legal and equitable remedies to resolve disputes.

7.2 **Withdrawal and Termination.** Either Party may, in its sole discretion, unilaterally withdraw and terminate its participation from this Agreement, effective upon thirty (30) days' prior written notice to the governing board of the other Party, provided that (a) the withdrawing Party will remain responsible for its proportionate share of any obligation or liability duly incurred while a Party to this Agreement and (b) the Parties will meet and confer to negotiate, a coordination agreement, if necessary, under SGMA.

7.3 **Disposition of Property Upon Termination.** Upon termination of this Agreement, the Joint Management Committee shall recommend the Parties distribute the assets between the successor entity and the Parties in proportion to how the assets were provided.

7.4 **Use of Data.** Upon withdrawal, a Party shall be entitled to use any data or other information developed during its time as a Party to the Agreement. Further, should a Party withdraw after completion of the GSP, it shall be entitled to utilize the GSP for future implementation of SGMA within its boundaries.

ARTICLE 8: MISCELLANEOUS PROVISIONS

8.1 **Amendments.** This Agreement may only be amended by a written instrument executed by all Parties.

8.2 **Binding on Successors.** Except as otherwise provided in this Agreement, the rights and duties of the Parties may not be assigned or delegated without a unanimous vote by the Parties. Any approved assignment or delegation shall be consistent with the terms of any contracts, resolutions, indemnities and other obligations then in effect. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the Parties hereto.

8.3 **Notice.** Any notice or instrument required to be given or delivered under this Agreement may be made by: (a) depositing the same in any United States Post Office, postage prepaid, and shall be deemed to have been received at the expiration of 72 hours after its deposit in the United States Post Office; (b) transmission by facsimile copy to the addressee; (c) transmission by electronic mail; or (d) personal delivery, as follows:

ROCK CREEK GSA

Hal Crain, Board Director
Rock Creek Reclamation District GSA
5556 Wilson Landing Road
Chico, CA 95973
530-345-3412
rockcreekreclamation@aol.com

VINA GSA
Paul Gosselin, Water and Resource Conservation
Vina GSA
308 Nelson Avenue
Oroville, CA 95965
530-552-3590
pgosselin@buttecounty.net
<http://www.buttecounty.net/>

With copy to: Valerie Kincaid
O’Laughlin & Paris LLP
2617 K Street, Suite 100
Sacramento, CA 95816
Email: vkinaid@olaughlinparis.com
Phone: 916.599.5498

Dustin Cooper
Minasian, Meith, Soares, Sexton & Cooper, LLP
1681 Bird Street
P.O. Box 1679
Oroville, CA 95965-1679
Email: dcooper@minasianlaw.com
Phone: 530-533-2885

8.4 **Counterparts.** This Agreement may be executed by the Parties in separate counterparts, each of which when so executed and delivered shall be an original. All such counterparts shall together constitute but one and the same instrument.

8.5 **Choice of Law.** This Agreement shall be governed by the laws of the State of California.

8.6 **Severability.** If one or more clauses, sentences, paragraphs or provisions of this Agreement are held to be unlawful, invalid or unenforceable, it is hereby agreed by the Parties that the remainder of the Agreement shall not be affected thereby. Such clauses, sentences, paragraphs or provisions shall be deemed reformed so as to be lawful, valid and enforced to the maximum extent possible.

8.7 **Headings.** The paragraph headings used in this Agreement are intended for convenience only and shall not be used in interpreting this Agreement or in determining any of the rights or obligations of the Parties to this Agreement.

8.8 **Construction and Interpretation.** This Agreement has been arrived at through negotiation and each of the Parties has had a full and fair opportunity to revise the terms of this Agreement. As a result, the normal rule of construction that any ambiguities are to be resolved against the drafting Parties shall not apply in the construction or interpretation of this Agreement.

8.9 **Entire Agreement.** This Agreement constitutes the entire agreement among the Parties and supersedes all prior agreements and understandings, written or oral.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year first above-written.

“VINA GSA”

Vina Groundwater Sustainability Agency

_____ Date: _____
Ann Schwab, Chair

“ROCK CREEK GSA”

Rock Creek Reclamation District Groundwater Sustainability Agency

_____ Date: _____
Hal Crain, Board Director



**Vina
Groundwater Sustainability Agency
Agenda Transmittal**

Agenda Item: 6.2

Subject: Update on the Development of the Groundwater Sustainability Plan for the Vina Subbasin

Contact: Paul Gosselin

Phone: 530-574-7443

Meeting Date: Wednesday,

Regular Agenda

Department Summary: The Vina Groundwater Sustainability Agency will receive an update on the development of the Groundwater Sustainability Plan (GSP) for the Vina Subbasin. The development of the GSP for the Vina subbasin is focusing on the development of the four major remaining elements – Sustainable Management Criteria; Representative Monitoring Locations; Projects and Management Actions, and; Interbasin Coordination. Staff will provide the Vina GSA Board with an overview of Sustainable Management Criteria, the status of Projects and Management Actions and Interbasin Coordination efforts. Staff will seek direction from the Vina GSA Board on scheduling Vina GSA Board Workshop in February for draft Sustainable Management Criteria.

Fiscal Impact: None

Staff Recommendation: Accept as information and provide direction to Staff as appropriate.



Vina
Groundwater Sustainability Agency
Agenda Transmittal

Agenda Item: 7.1.1

Subject: Management Committee Report - Vina GSA Stakeholder Advisory Committee Update

Contact: Kelly Peterson Phone: (530) 552-3588 Meeting Date: November 17, 2020 Regular Agenda

Department Summary: The Vina GSA Stakeholder Advisory Committee (SHAC) met virtually last month on October 20, 2020.

At the last meeting, the SHAC:

- Approved the meeting notes from the previous meeting
- Received an update from the Management Committee regarding the October Vina GSA Board meeting
- Received an overview of ongoing inter-basin coordination efforts in the Northern Sacramento Valley, discussed next steps in the process and future opportunities for SHAC involvement
- Received a brief overview presentation on the scope of potential Projects and Management Actions (PMAs) for GSP development and examples from other GSPs
- Brainstormed PMA options and gauged levels of support within the SHAC for different types of PMAs to begin the process of developing recommendations to the Vina Groundwater Sustainability Agency (GSA)
- Received an overview presentation of the process used to perform the initial analysis of Groundwater Dependent Ecosystems
- Reviewed upcoming plans for GSP development discussions with the SHAC

SHAC membership details, meeting materials, detailed meeting notes and recordings of the meetings are on the Vina GSA website: <https://www.vinagsa.org/meetings>. All SHAC meetings are open to the public through an online format using Zoom and scheduled for the third Tuesday of each month from 9:00 a.m. – 12:00 p.m. The SHAC will meet again via video conference on November 18, 2020 at which time they will consider in addition to other items, approval of the draft October 2020 meeting summary (which is attached as Exhibit A to this report), continue PMA discussions, and receive an overview of Sustainable Management Criteria. A schedule of the SHAC meetings and topics to be discussed is also attached as Exhibit B.

Fiscal Impact: None

Staff Recommendation: Accept as an information item.

Attachments:

Exhibit A: 10/20/20 SHAC Meeting Summary

Exhibit B: SHAC Meeting Schedule



Item 7.1.1 - Exhibit A

1 Meeting Brief

- 2 ➤ The Vina Stakeholder Advisory Committee (SHAC) met virtually on October 20, 2020.
- 3 ➤ **Updates:** The SHAC received an update from the Vina GSA Management Committee and
- 4 reviewed the previous meeting notes. The Consensus Building Institute (CBI) presented a
- 5 brief overview of ongoing inter-basin coordination efforts in the Northern Sacramento Valley
- 6 [[access here](#)] and discussed next steps in the process and future opportunities for SHAC
- 7 involvement.
- 8 ➤ **Project and Management Actions (PMA):** P. Gosselin (Butte County) gave an overview
- 9 presentation on scope of PMAs and examples of the types of PMAs found in other
- 10 groundwater sustainability plans (GSP) [[access memo](#) | [access slides](#)]. The SHAC had an initial
- 11 (“brainstorming”) discussion of PMAs, using an online tool, Miro Board, to gather ideas,
- 12 concepts, and information needs [[access Miro board](#)]. The purpose of the initial discussion
- 13 was to begin the process of developing recommendations to the Vina Groundwater
- 14 Sustainability Agency (GSA).
- 15 ➤ **Groundwater Dependent Ecosystems (GDEs):** K. Peterson (Butte County) provided an
- 16 overview presentation describing GDEs, approach, status of effort & next steps. SHAC
- 17 members asked clarifying questions and provided feedback. The public had an opportunity
- 18 to comment.
- 19 ➤ **Next Meeting:** The SHAC will meet again via video conference on November 17, 2020 from
- 20 9:00-12:00.

21 Action Items

Item	Lead	Completion
<ul style="list-style-type: none"> Make revisions to September 15th meeting summary and recirculate with the SHAC with tracked changes (including B. Smith’s vote and Cheri’s input). 	CBI	By next meeting (11/17)
<ul style="list-style-type: none"> Follow up with Joshua Pierce about his participation on the SHAC. 	CBI	Upon completion
<ul style="list-style-type: none"> Post on website North Sacramento Valley (NSV) inter-basin coordination slides. 	CBI and Vina GSA Management Committee	Complete. Access here.
<ul style="list-style-type: none"> Provide Vina FSS task order to SHAC. 	Butte County	Upon completion
<ul style="list-style-type: none"> Share template documents for inter-basin coordination with the SHAC. 	CBI	Upon completion
<ul style="list-style-type: none"> Include inter-basin coordination updates to December SHAC meeting agenda. 	CBI and Vina GSA Management Committee	Upon completion
<ul style="list-style-type: none"> Provide links to SVSIM, C2VSIM and BBGM models. 	C.Buck/ Butte County	By next SHAC meeting (11/17)



Item 7.1.1 - Exhibit A

1 Summary

2 The Vina SHAC met on October 20, 2020 via video conference, as a result of COVID-19. 29
 3 participants attended, including Vina SHAC members, GSA member agency staff, a technical
 4 consultant, and members of the public. Below is a summary of key themes and next steps
 5 discussed at the meeting. This document is not intended to be a meeting transcript. Rather, it
 6 focuses on the main points covered during the group's discussions.

7
8 1. Introductions & Agenda Review

9 The SHAC members, facilitator, technical consulting teams, and staff introduced themselves. The
 10 facilitator gave a brief overview of the agenda.

11
12 2. Public Comment for Items Not on the Agenda

13 A SHAC member inquired about Joshua Pierce, domestic well representative on the SHAC, who
 14 has missed three consecutive meetings. CBI will reach out to him again and report back to the
 15 SHAC.

16
17 3. Vina GSA Management Committee Reports

18 a) *Vina GSA Board Updates*: The Vina GSA Board met on October 14 at 5:30pm to review
 19 housekeeping issues (budget, minutes, financial status, etc.), and receive an update on Draft
 20 Basin Setting chapter public comments received. The meeting recording (audio and video)
 21 and supporting materials can be found at the Vina GSA website ([access here](#)). Board
 22 members were presented with information about the suggested updates to the Vina SHAC
 23 Charter. Legal counsel is still reviewing proposed changes, and the charter will be brought
 24 back to the Vina SHAC at the November meeting. In addition, Facilitation Support Services
 25 (FSS) for the Vina Subbasin are expiring at the end of the calendar year, and the Vina GSA has
 26 submitted a request to continue FSS for next year. Lastly, the Vina GSA Board submitted a
 27 letter to state authorities requesting an extension for Groundwater Sustainability Plan (GSP)
 28 submittal, due to current public engagement challenges and limitations. The GSA has not
 29 received a response from the administration.

30 b) *Inter-basin Coordination Updates* [[access here](#)]: Representatives from the Antelope,
 31 Bowman, Butte, Colusa, Corning, Los Molinos, Red Bluff, Vina, and Wyandotte Creek
 32 subbasins have met three times to discuss inter-basin coordination. The first two meetings
 33 included GSA staff only from Butte, Colusa, Glenn, and Tehama counties, and the third
 34 meeting included technical consulting teams. The various subbasins have agreed to share
 35 technical information and reconvene in early December. Inter-basin coordination efforts
 36 have focused on creating tools to foster general and technical information exchange, such as
 37 a technical information-sharing template. Each subbasin's consulting team will fill the
 38 template, in order to identify similarities and differences related to modeling approaches,
 39 cross-boundary flows, stream-aquifer interactions, and common hydrogeologic
 40 understanding. Participants will revisit conversations about Sustainable Management Criteria



Item 7.1.1 - Exhibit A

1 and Monitoring Networks next year. CBI will provide inter-basin coordination updates on a
2 regular basis moving forward.

3 4 Discussion | Public Comment

5 a) A member of the public inquired about CBI's Facilitation Support Services contract. T. Carlone
6 (CBI Facilitator) clarified CBI is on a roster of independent third-party facilitators, funded
7 through DWR Facilitation Support Services. CBI's scope of services in the Vina Subbasin
8 includes a series of tasks. These tasks include Stakeholder Advisory Committee (SHAC)
9 support and Inter-basin Coordination.

10 b) In response to a question about DWR's role in inter-basin coordination, P. Gosselin (Butte
11 County) clarified two state agencies have a role under the Sustainable Groundwater
12 Management Act (SGMA): the State Water Resources Control Board (State Water Board)
13 enforces compliance, while the DWR provides guidance and technical support services, such
14 as GSP review, monitoring well installation, facilitation support, etc. This assistance is funded
15 under Proposition 1 and 68, and is administered by DWR.

16 17 Outcomes & Next Steps | Vina GSA Management Committee Reports

18 a) CBI will share inter-basin coordination documents with the SHAC, including the technical
19 information-sharing template, the issue framing document, and previous meeting
20 summaries.

21 b) CBI/Butte County will share Vina FSS task order to SHAC.

22 c) The Vina GSA Management Committee will share more information about the Department
23 of Water Resources (DWR) subbasin prioritization process for subbasins.

24 25 4. Meeting Notes Review & Consideration

26 The SHAC reviewed the meeting notes from the 9/15/20 SHAC Meeting [[access here](#)].

27 28 Outcomes & Next Steps | Meeting Notes Review & Consideration

29 a) The facilitation team will review the meeting recording to revise the September 15th meeting
30 summary and recirculate with the SHAC with tracked changes (including B. Smith's vote and
31 tracking C. Chastain's input).

32 b) The SHAC will revisit meeting notes' approval during the next meeting.

33 34 8. Projects and Management Actions (PMA)

35 The SHAC had an initial ("brainstorming") discussion of PMAs. P. Gosselin (Butte County) gave a
36 brief overview presentation on scope of PMAs and of examples of the types of PMAs included in
37 other submitted groundwater sustainability plans (GSPs). Many GSPs include a broad set of PMAs
38 related to achieving measurable objectives, other management actions and filling data gaps (e.g.,
39 shallow monitoring wells) [[access memo](#) | [access slides](#)]. SHAC members and members of the
40 public asked clarifying questions. Following the presentation, the facilitation team introduced an
41 innovative online tool, Miro Board, to guide the SHAC discussion and gather SHAC members'
42 ideas, concepts, and information needs [[access Miro board](#)]. The purpose of the initial discussion



Item 7.1.1 - Exhibit A

1 was to begin the process of developing recommendations to the Vina Groundwater Sustainability
 2 Agency (GSA).

3
 4 Questions and Discussion | PMAs

- 5 a) A SHAC member emphasized the need to explore the efficacy of different recharge programs
 6 per aquifer zone. In his perspective, the ideas presented are too focused on augmenting
 7 supplies and not enough on demand management. Further, this SHAC member referred to
 8 the 1978 recharge study. P. Gosselin clarified that under SGMA, GSAs are required to avoid
 9 surface water depletion. Further, efficiency will be analyzed carefully during the PMA process.
 10 b) Another SHAC member highlighted the need to review laws and legal implications of
 11 management actions to consider.

12
 13 PMA “Brainstorming”

14
 15 Figure 1. Sticky Note Capture from Initial PMA Brainstorm using [Miro Board](#)



16
 17
 18
 19
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 21
 22
 23



Item 7.1.1 - Exhibit A

1 Table 1. List of PMAs from other GSPs and from SHAC Initial Brainstorm

Type	Ideas and Concepts
Recharge	<ul style="list-style-type: none"> a) FloodMAR b) Recharge basins c) Stormwater recharge (land application) d) In-lieu recharge e) Injection wells f) Paradise-Chico Connection g) Wastewater recycling (land application) h) Wastewater reuse (beyond traditional sewer) i) Wastewater “scalping”
Demand Management	<ul style="list-style-type: none"> • Incentive-based groundwater pumping reductions • Irrigation efficiency (tax relief) • Groundwater pumping allocations (with metering) • Well moratorium • Land-use/zoning ordinances (e.g. low impact development) • Voluntary land fallowing • Non-native vegetation removal • Preserving grazing lands – discouraging expansion of irrigated ag. • Preserving rice production • Automatic water metering technology • Encouraging native plants, drought-tolerant plants, and xeriscaping • Pressure regulated sprinklers • Swimming pool regulations • Moratorium on artificial lakes • Promoting urban conservation / water efficient appliances
Augment Stream Flow	<ul style="list-style-type: none"> • Environmental water purchase
Domestic Well Mitigation	<ul style="list-style-type: none"> • Deepening wells • Connecting to existing water purveyors • Rainwater harvesting / tanks • Domestic greywater catching systems for landscapes
Other/ Cross-cutting projects	<ul style="list-style-type: none"> • Table A Water • Other (lower cost) water sources • GIS mapping of wells • Greater inter-agency coordination • Monitoring water use intensity and land use panel • Expansion of water districts to “white areas” • Coordination with general plan updates

2
3 Information Needs:

4 As part of the “brainstorm” exercise, SHAC members identified information needs to guide PMA
5 discussions moving forward:

- 6 • General Plan: agricultural needs and water use patterns
- 7 • Legal implications associated with PMAs, relevant when evaluating ideas
- 8 • Existing land use ordinances, related to rainwater harvesting, artificial lakes, swimming pools,
9 wastewater reuse, etc.
- 10 • Efficacy of recharge programs presented (existing studies at a regional level)



Item 7.1.1 - Exhibit A

- 1 • Updated model techniques (SVSIM, C2VSIM and BBGM models)
- 2 • Existing inter-basin agreements and guidelines [[Article 8 §357.2 \(b\)](#)]
- 3 • Impact of other subbasin's land use decisions on Vina

5 **Outcomes & Next steps | PMAs**

- 6 • CBI and the Vina GSA Management Committee will summarize a list of the PMAs identified
- 7 and share resources to address information needs identified.
- 8 • The Vina SHAC will continue PMA conversation to gauge level of agreements and interest.

10 **3. Groundwater Dependent Ecosystems (GDEs)**

11 K. Peterson (Butte County) provided an overview presentation describing GDEs, their
 12 importance, and SGMA requirements associated with GDEs [[Access slides](#)]. GDEs are
 13 communities or species that depend on groundwater emerging from aquifers or on groundwater
 14 occurring near the surface. GDEs are considered beneficial users of groundwater and can be
 15 affected by chronic lowering of groundwater levels and by surface water depletion. SGMA
 16 requires GSAs to identify GDEs within the basin and assess the impacts to those GDEs, as specified
 17 in Section 353.2 [[§ 354.16. Groundwater Conditions](#)], utilizing DWR data or the best available
 18 information. In addition, K. Peterson outlined the approach followed to identify GDEs in the Vina
 19 Subbasin, the status of effort and an overview of next steps. SHAC members asked clarifying
 20 questions and provided feedback. The public had an opportunity to comment.

22 Discussion | GDEs

- 23 a) GDE Working Group: a GDE Working Group (WG) was formed to provide feedback on the
- 24 approach to GDE analysis. The WG met in July and October 2020. WG feedback included
- 25 representative shallow monitoring network, urban forests, valley oak rooting depth, adaptive
- 26 incorporation of new information, and the approach to assess connections to groundwater.
- 27 J. Brobeck, member of the SHAC and the GDE Working Group, requested more information
- 28 regarding the status of the valley oak root depth not directly near streams and urban forest.
- 29 K. Peterson responded that the GSA took a conservative approach to include all of the GDEs
- 30 into future analyses. The SHAC will be the venue to discuss GDEs moving forward.
- 31 b) Another SHAC member asked whether the WG was a subcommittee of the SHAC. K. Peterson
- 32 clarified that the WG was not a subcommittee of the SHAC, rather a group composed of
- 33 representatives from multiple subbasins, with strong interest in the topic, and technical
- 34 background to provide feedback on the approach followed to identify and assess GDEs.
- 35 c) P. Gosselin stated the Vina GSA is on track because the GSA will need to consider GDEs
- 36 throughout GSP development, as beneficial users. GDE information will be used in technical
- 37 analyses by the consultants for SMC discussions.

39 Outcomes & Next Steps | GDEs

- 40 a) The dataset with conclusions for all ~4,600 GDEs identified were provided to the consulting
- 41 teams.



Item 7.1.1 - Exhibit A

- 1 b) GDEs will be considered and further refined when considering Sustainable Management
- 2 Criteria (SMC), monitoring networks, and groundwater level discussions.
- 3 c) GDWs will be incorporated into the draft Basin Setting GSP chapter.
- 4

5 4. Next Steps

6 The Vina SHAC will reconvene on November 17, 2020 from 9am-12pm via videoconferencing.

7

8 **Participants**

Participant	Representation/Affiliation	Present
Vina Stakeholder Advisory Committee (SHAC) Members		
Anne Dawson	Domestic well user	Y
Bruce Smith	Business representative	Y
Cheri Chastain	CSU Chico	Y
Christopher Madden	Butte College	Y
Gary Cole	Agricultural well user	Y
George Barber	California Water Service	Y
Greg Sohnrey	Agricultural well user	Y
James Brobeck	Environmental representative	Y
Joshua Pierce	Domestic well user	N
Samantha Lewis	Agricultural well user	Y
Groundwater Sustainability Agency (GSA) Member Agency Staff		
Christina Buck	Butte County	Y
Paul Gosselin	Butte County	Y
Kelly Peterson	Butte County	Y
Linda Herman	City of Chico	Y
Jeff Carter	Durham Irrigation District	N
Kamie Loeser	Durham Irrigation District	Y
Colin Klinesteker	Mechoopda Indian Tribe	Y
Technical Consultants		
Joe Turner	Geosyntec	Y
Amer Hussain	Geosyntec	Y
Facilitator		
Tania Carlone	Consensus Building Institute	Y
Mariana Rivera-Torres	Consensus Building Institute	Y

9 Approximately eight members of the public attended the meeting.

Item 7.1.1 - Exhibit B



Stakeholder Advisory Committee (SHAC)

October 20, 2020, 9:00 a.m. to Noon

This meeting framework illustrates the anticipated schedule and the key discussion topics for each meeting. It will be updated to reflect the most current information, as warranted.

Date	Key Meeting Topics/Outcomes
February 18, 2020	<ul style="list-style-type: none"> • Discuss and comment on Draft GSP Chapter: <i>Monitoring Protocols for Data Collection and Monitoring (352.2)</i> • Introduction to the Basin Setting (Hydrogeology, land and water use etc.) • Introduction and status of the Butte Basin Groundwater Model
May 19, 2020	<ul style="list-style-type: none"> • Presentation and discussion of: <i>Butte Basin Groundwater Model Status, Preliminary Current and Historical Groundwater Conditions (354.16) and Water Budget Information (354.18)</i>
June 16, 2020	<ul style="list-style-type: none"> • Continue to discuss and comment on preliminary: <i>Hydrogeologic Conceptual Model components, Current and Historical Groundwater Conditions (354.16) and Historical Water Budgets and Water Budget Scenario Information (354.18).</i>
August 2020, Basin Setting Draft Chapter 30-day – Public Review	
August 18, 2020	<ul style="list-style-type: none"> • Overview of the tasks and schedule for GSP Completion
September 15, 2020	<ul style="list-style-type: none"> • Discuss and review Basin Setting Chapter; Review public comments received during comment period
October 20, 2020	<ul style="list-style-type: none"> • Presentation and discussion on Groundwater Dependent Ecosystems (GDEs) status and approach • Receive inter-basin coordination updates • Project Management & Actions (brainstorm list of PMAs)
November 17, 2020	<ul style="list-style-type: none"> • Staff overview of Sustainable Management Criteria (SMC) discussions (key components, UR Criteria, groundwater users, etc.) • Continue Project Management & Action discussions.
December 15, 2020	<ul style="list-style-type: none"> • Provide draft Sustainable Management Criteria (SMC) presentation (Geosyntec), including characterization of domestic wells.
January 19, 2021	<ul style="list-style-type: none"> • Continue SMC discussions (Minimum Thresholds and Measurable Objectives) • Review proposed representative monitoring sites • Review list of PMAs and discuss analysis process (Draft matrix of potential PMAs (unranked). Seek direction from the Vina GSA Board.
February 10– Vina GSA Board Workshop: Sustainable Management Criteria	
February 2021, Sustainable Management Criteria– 30-day Public Review	
February 16, 2021	<ul style="list-style-type: none"> • Reporting out Vina GSA Board input on SMC • Review and possible recommendations on PMAs

Item 7.1.1 - Exhibit B

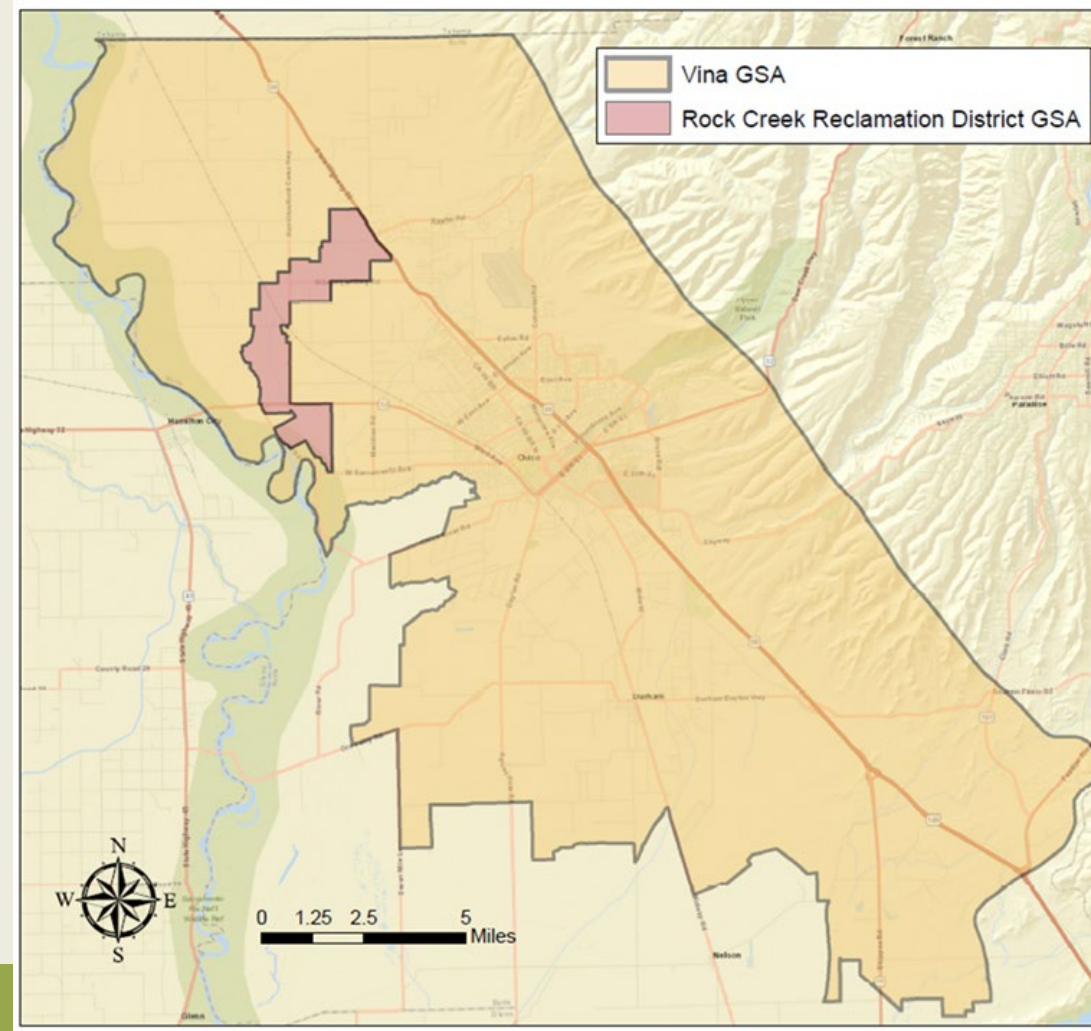


Stakeholder Advisory Committee (SHAC)

October 20, 2020, 9:00 a.m. to Noon

	<ul style="list-style-type: none"> • Review Representative Monitoring Network • Receive inter-basin coordination updates
March 2021, Representative Monitoring Network – 30-day Public Review	
<p>March 16, 2021 April 20, 2021 May 18, 2021</p>	<ul style="list-style-type: none"> • Discuss and review SMC public comments received during comment period (March) • Finalize recommendations on PMAs • Discuss and review comments received Representative Monitoring Network • Discuss data gaps and possible recommendations • Discuss PMA implementation costs and funding options • Provide input on inter-basin coordination updates
June 2021, Draft Projects and Management Actions–30-day Public Review July 2021, Draft Implementation Chapter–30-day Public Review	
<p>June 15, 2021 July 20, 2021 August 17, 2021</p>	<ul style="list-style-type: none"> • Discuss and review PMAs Chapter; Review public comments received during comment period • Receive inter-basin coordination updates • Discuss and review Implementation Chapter; Review public comments received during comment period.
September 2021, Final GSP –60-day Public Review	
<p>September 21, 2021 October 19, 2021 November 16, 2021 December 21, 2021</p>	<ul style="list-style-type: none"> • Discuss and review Final GSP; Review public comments received during comment period and consider possible recommendations to the Vina GSA board • Hold public meeting(s) with Vina GSA Board and Rock Creek Reclamation District Board for GSP Approval (December)

Groundwater Sustainability Plan Status Vina Subbasin



November 18, 2020



Groundwater Sustainability Plan Status

Groundwater Sustainability Plan

1. Administrative Information

- §354.4. General Information
- §354.6. Agency Information
- §354.8. Description of Plan Area
- §354.10. Notice & Communication

2. Basin Setting

- §354.14. Hydrogeologic Conceptual Model
- §354.16. Groundwater Conditions
- §354.18. Water Budget
- §354.20. Management Areas

3. Sustainable Management Criteria

- §354.24. Sustainability Goal
- §354.26. Undesirable Results
- §354.28. Minimum Thresholds
- §354.30. Measurable Objectives

4. Monitoring Networks

- §354.34. Monitoring Network
- §354.36. Representative Monitoring
- §354.38. Assessment & Improvement
- §354.40. Reporting Monitoring Data to the Department

5. Projects and Management Actions

- §354.44. Projects & Management Actions



Groundwater Sustainability Plan Status

Schedule

- **Vina Groundwater Sustainability Plan (version 1)**
- **Basin Setting Chapter – draft completed**
 - Groundwater Dependent Ecosystems
- **November 2020 to June 2021 (8 months)**
 - Primary emphasis on specific chapters
 - Sustainable Management Criteria
 - Representative Monitoring Network
 - Interbasin Coordination
 - Projects and Management Actions
 - Implementation Cost and Funding Options



Groundwater Sustainability Plan Status

Schedule

December 2020 – January 2021

- Status Reports from SHAC
 - Potential Projects and Management Actions
 - Draft Sustainable Management Criteria
 - Interbasin Coordination Report
 - Representative Monitoring Sites
- Provide Direction as Appropriate



Groundwater Sustainability Plan Status

Schedule

February 2021

- Sustainable Management Criteria Draft Document
 - 30 day public comment period
 - Vina GSA Board Workshop

March 2021

- Representative Monitoring Network Draft Document
 - 30 day public comment period



Groundwater Sustainability Plan Status

Schedule

April – May 2021

- Recommendations from the SHAC on draft
 - Sustainable Management Criteria
 - Projects and Management Actions including costs and funding options
 - Representative Monitoring Network
 - Data Gaps
 - Interbasin Coordination



Groundwater Sustainability Plan Status

Schedule

June 2021

- Projects and Management Actions Draft Document
 - 30 day public comment period
- Interbasin Coordination Report

July 2021

- Review the Status of Groundwater Sustainability Plan chapters
- Implementation Chapter Draft Document
 - 30 day public review



Groundwater Sustainability Plan Status

Schedule

August 2021

- Review the Draft Vina GSP

September 2021

- Complete Draft Vina GSP
- 60 day public comment period

November – December 2021

- Board Hearings and Adoption

Implementation ...



Groundwater Sustainability Plan Status

Sustainable Management Criteria

1. Administrative Information

- §354.4. General Information
- §354.6. Agency Information
- §354.8. Description of Plan Area
- §354.10. Notice & Communication

2. Basin Setting

- §354.14. Hydrogeologic Conceptual Model
- §354.16. Groundwater Conditions
- §354.18. Water Budget
- §354.20. Management Areas

3. Sustainable Management Criteria

- §354.24. Sustainability Goal
- §354.26. Undesirable Results
- §354.28. Minimum Thresholds
- §354.30. Measurable Objectives

4. Monitoring Networks

- §354.34. Monitoring Network
- §354.36. Representative Monitoring
- §354.38. Assessment & Improvement
- §354.40. Reporting Monitoring Data to the Department

5. Projects and Management Actions

- §354.44. Projects & Management Actions



Groundwater Sustainability Plan Status

Sustainable Management Criteria

Sustainability Goal

- Describes the objective for management of the basin
- Sustainability is demonstrated by the avoidance of Undesirable Results for the six sustainability indicators
- Measures that will be taken to manage the basin (projects and management actions)
- How those measures will lead to sustainability

If No Undesirable Results Occurring Then Basin operating within its Sustainable Yield And Sustainability Goal is being Achieved



Groundwater Sustainability Plan Status

Sustainable Management Criteria

- Sustainable groundwater management is defined as the management and use of groundwater that can be maintained without causing an Undesirable Result from sustainability indicators.
- Undesirable Results as defined in SGMA are:
 - Persistent lowering of groundwater levels
 - Significant and unreasonable reductions in groundwater storage
 - Significant and unreasonable saltwater intrusion
 - Significant and unreasonable degradation of water quality
 - Significant and unreasonable land subsidence
 - Surface water depletion having significant and unreasonable effects on beneficial uses
- “Significant and unreasonable” is determined by the local GSA through a public process



Lowering
GW Levels



Surface Water
Depletion



Degraded
Quality



Land
Subsidence



Seawater
Intrusion









Reduction
of Storage

Groundwater Sustainability Plan Status

Sustainable Management Criteria

Sustainability Indicators

Sustainability Indicators	 Lowering GW Levels	 Reduction of Storage	 Seawater Intrusion	 Degraded Quality	 Land Subsidence	 Surface Water Depletion
Metric(s) Defined in GSP Regulations	<ul style="list-style-type: none"> Groundwater Elevation 	<ul style="list-style-type: none"> Total Volume 	<div style="text-align: center; font-size: 48px; font-weight: bold; color: black;">X</div> <ul style="list-style-type: none"> Chloride concentration 	<ul style="list-style-type: none"> Migration of Plumes Number of supply wells Volume Location of isocontour 	<ul style="list-style-type: none"> Rate and Extent of Land Subsidence 	<ul style="list-style-type: none"> Volume or rate of surface water depletion

Beneficial uses & users:

- Agricultural groundwater users
- Domestic well users
- Municipal water systems
- Public water systems
- Land use agencies
- Environmental Users
- Surface water users
- California Native American Tribes
- Federal lands
- Disadvantaged Communities

Sustainability = Avoidance of Undesirable Results from Sustainability Indicators



Groundwater Sustainability Plan Status

Sustainable Management Criteria

Undesirable Results and Minimum Thresholds

- A Minimum Threshold is set at the point of where an Undesirable Result would occur
- Setting the Minimum Threshold must consider and describe:
 - The factor and causes leading to an Undesirable Result
 - The effects of the Undesirable Result on beneficial uses and users of groundwater
- Operational flexibility of the basin through Measurable Objectives



Lowering
GW Levels



Surface Water
Depletion



Degraded
Quality



Land
Subsidence



Surface
Water
Use

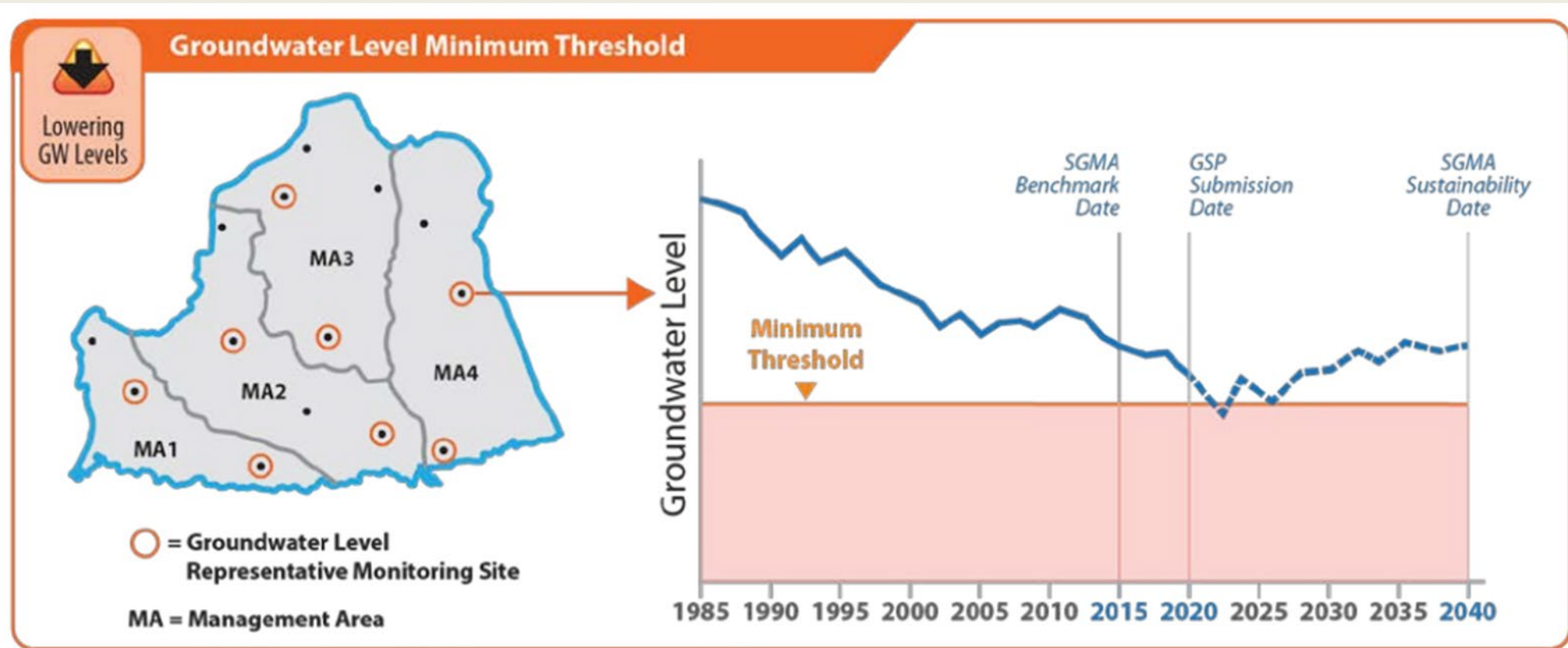


Reduction
of Storage



Groundwater Sustainability Plan Status

Sustainable Management Criteria



Groundwater Sustainability Plan Status

Sustainable Management Criteria

Measurable Objectives

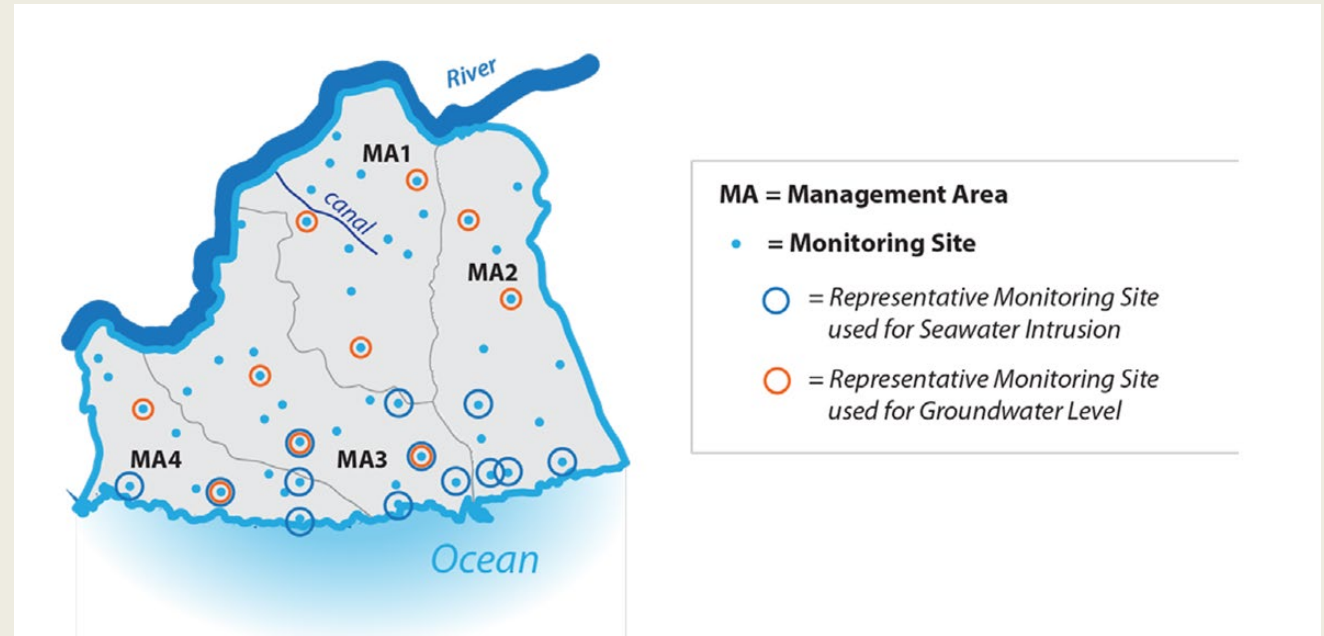
- A quantitative target that will achieve the sustainability goal within 20 years.
- Operational flexibility between the minimum threshold and measurable objective that will accommodate most droughts, climate change, groundwater management activities and uncertainty
- Should achieve 5-year interim milestones from representative monitoring site data
- Modifications may be necessary if interim milestones are not met



Groundwater Sustainability Plan Status

Representative Monitoring Sites

- Subset of the monitoring network
- Quantitative measure indicating whether minimum thresholds, measurable objectives and interim milestones are being met
- Measures one or more sustainability indicator



Lowering
GW Levels



Reduction
of Storage



Seawater
Intrusion



Degraded
Quality



Land
Subsidence



Surface Water
Depletion



Groundwater Sustainability Plan Status

Sustainable Management Criteria

Measurable Objectives

“Best Management Practice 6:
Sustainable Management Criteria” (DWR)

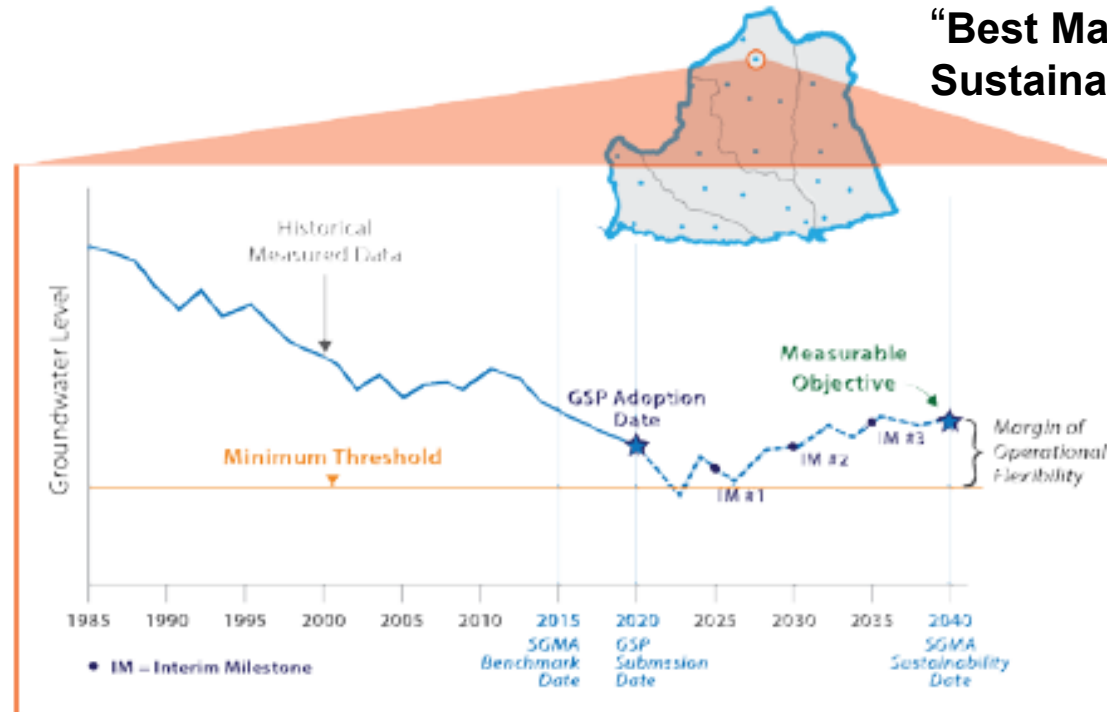


Figure 14. Relationship between Minimum Thresholds, Measurable Objectives, Interim Milestones (IM), and Margin of Operational Flexibility for a Representative Monitoring Site



Groundwater Sustainability Plan Status

Projects and Management Actions

1. Administrative Information

- §354.4. General Information
- §354.6. Agency Information
- §354.8. Description of Plan Area
- §354.10. Notice & Communication

2. Basin Setting

- §354.14. Hydrogeologic Conceptual Model
- §354.16. Groundwater Conditions
- §354.18. Water Budget
- §354.20. Management Areas

3. Sustainable Management Criteria

- §354.24. Sustainability Goal
- §354.26. Undesirable Results
- §354.28. Minimum Thresholds
- §354.30. Measurable Objectives

4. Monitoring Networks

- §354.34. Monitoring Network
- §354.36. Representative Monitoring
- §354.38. Assessment & Improvement
- §354.40. Reporting Monitoring Data to the Department

5. Projects and Management Actions

- §354.44. Projects & Management Actions



Groundwater Sustainability Plan Status

Projects and Management Actions

- A required element of Groundwater Sustainability Plans
- Comprise the efforts that will achieve the sustainability goals (Measurable Objectives) established in the Vina GSP



Groundwater Sustainability Plan Status

Projects and Management Actions

PMA Criteria (GSP Regulations)

- A **time-table** for the expected initiation and completion
- The **benefits** of PMA be clearly explained and how those benefits will be evaluated
- A clear explanation of **how** the PMA will be accomplished
- The **legal authority** to carry out the PMA
- The estimated **cost** of the PMA and how would those costs be met
- Must lead to meeting the **measurable objective**
- Must meet **interim milestones**, the exceedance of minimum thresholds, or where undesirable results have occurred or are imminent



Groundwater Sustainability Plan Status

Projects and Management Actions

PMA Criteria (GSP Regulations)

- How the PMA will be **implemented** and the trigger for termination
- The **permitting and regulatory process** required for the PMA
- Other Considerations
 - Consistency with the Vina Groundwater Sustainability Plan
 - Multi-benefit
 - Public acceptance
 - Public benefit
 - No harm
 - Others??



Groundwater Sustainability Plan Status

Projects and Management Actions

Current Status

- SHAC discussion of potential Projects and Management Actions
- Solicitation of potential Projects and Management Actions for consideration
- By spring, a matrix of prioritized potential Projects and Management Actions
 - **Planned** – Projects in this category meet the acceptable criteria, have adequate planning and are scheduled to be completed prior to 2042.
 - **Potential** – Projects in this category meet the acceptable criteria but are in early planning stages, but possibly could be completed by 2042. For example, these projects may have uncertain funding sources or need additional analysis.
 - **Conceptual** – Projects in this category are in early conceptual planning stages and would require significant additional work.



Projects and Management Actions

Projects and Management Actions

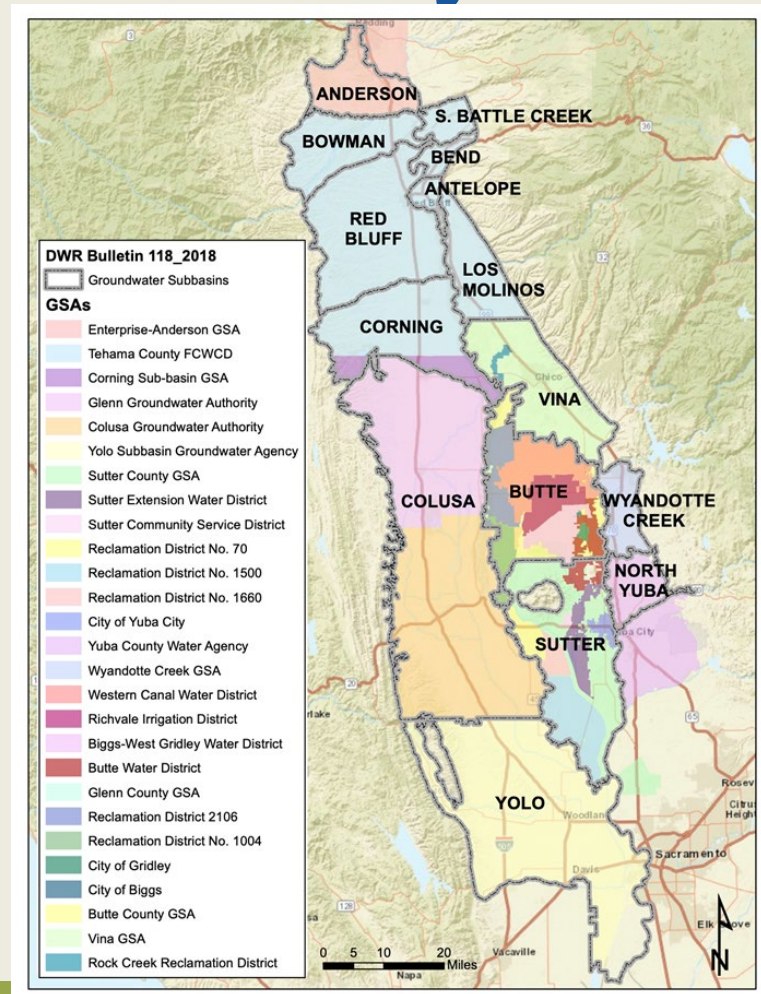
Project Name	Project Type	Project Proponent	Measurable Objective Expected to Benefit	Current Status	Time-table (initiation to completion)	Estimated Cost	Required Permitting and Regulatory Process	Expected Groundwater Demand Reduction (AF/year)	Planned, Potential, Or Concept	Management Area
Project A	Ag Conservation	TBD	Groundwater levels, Stream		TBD	TBD	TBD	TBD	TBD	TBD
Project B	Recharge	TBD	Groundwater levels, Stream		TBD	TBD	SWRCB Temporary water right permit	TBD	TBD	TBD
Project C	Recycling	TBD	Groundwater levels, Stream		TBD	TBD	NPDES, Regional Board	TBD	TBD	TBD
Project D	New Water Supply	TBD	Groundwater Levels, Stream		TBD	TBD	TBD	TBD	TBD	TBD
Project D	Urban Conservation	Vina GSA	Groundwater levels, Stream		TBD	TBD	TBD	TBD	TBD	TBD
Project E	Pumping Allocation	TBD	Groundwater Levels, Stream		TBD	TBD	TBD	TBD	TBD	TBD

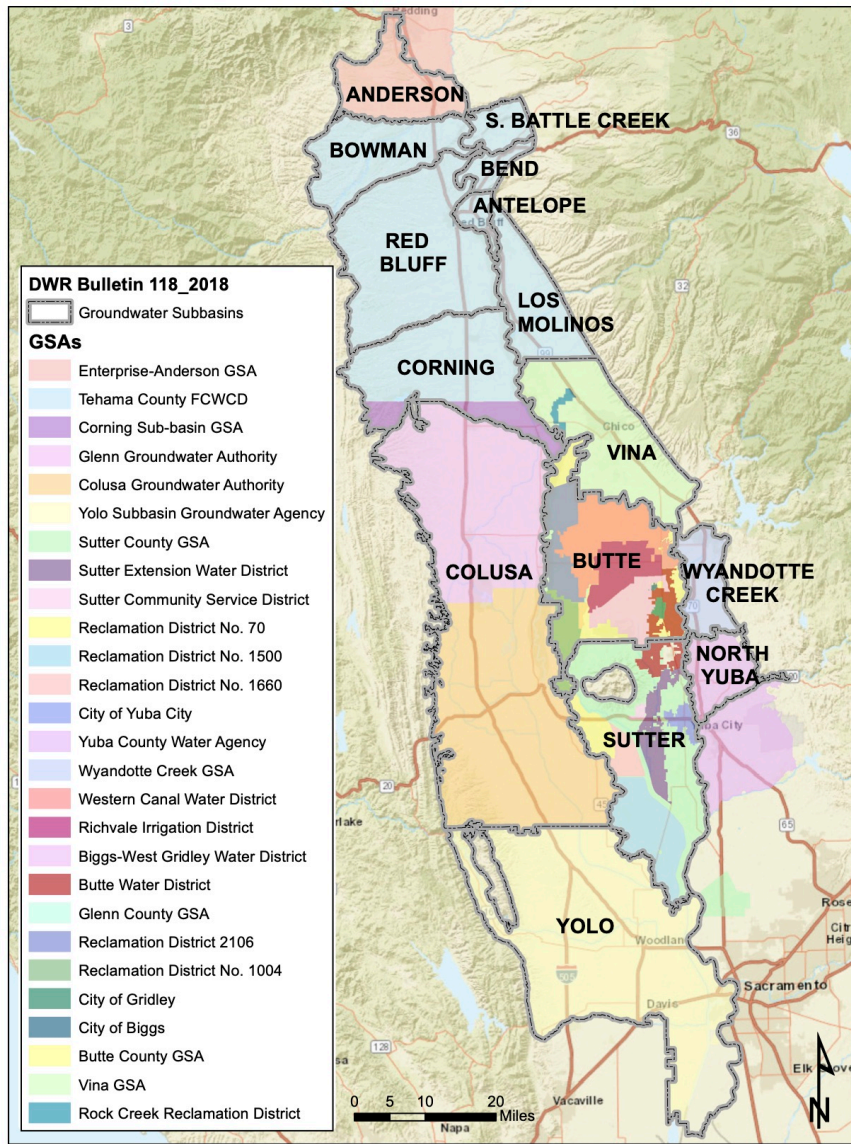
Example



Groundwater Sustainability Plan Status

Northern Sacramento Valley Interbasin Coordination





Inter-basin Coordination Efforts | Northern Sacramento Valley

Antelope | Bowman | Butte | Colusa | Corning | Los Molinos | Red Bluff | Vina | Wyandotte Creek Subbasins

Presentation by Mariana Rivera-Torres

mrivertorres@cbi.org

10/20/2020



CBI

CATALYZING COLLABORATION

Antelope | Bowman | Butte | Colusa | Corning | Los Molinos | Red Bluff | Vina | Wyandotte Creek

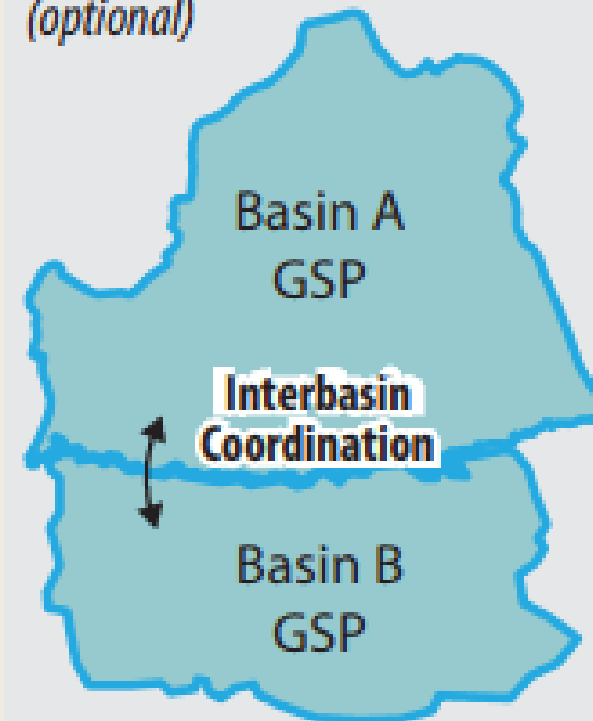
Inter-Basin Coordination

Why is it important?

- Many groundwater subbasins are **hydrologically connected** in the Northern Sacramento Valley.
- Water management decisions in one basin (e.g. groundwater pumping) and processes such as climate change could change aquifer conditions and affect flows to other basins.
- Understanding and accounting for these processes (e.g. cross-boundary flows) in the development of GSPs will be key to successfully implementing the Sustainable Groundwater Management Act (SGMA).

Interbasin Agreement

(optional)



Inter-basin Coordination Efforts

Northern Sacramento Valley



Subbasin	Priority	GSA(s)	Website
Bowman	Very Low	Tehama County Flood Control and Water Conservation District (FCWCD)	Website
Antelope	High	Tehama County FCWCD	Website
Los Molinos	Medium	Tehama County FCWCD	Website
Red Bluff	Medium	Tehama County FCWCD	Website
Corning	High	Tehama County FCWCD; Corning Sub-basin GSA	Website
Colusa	High	Glenn Groundwater Authority; Colusa Groundwater Authority	Websites (Glenn) (Colusa)
Vina	High	Vina GSA; Rock Creek Reclamation District	Website
Butte	Medium	Butte County, Richvale ID, Western Canal WD, Butte WD, Biggs West Gridley WD, City of Biggs, City of Gridley, RD 1004, RD 2106, Glenn County, Colusa Groundwater Authority	Website



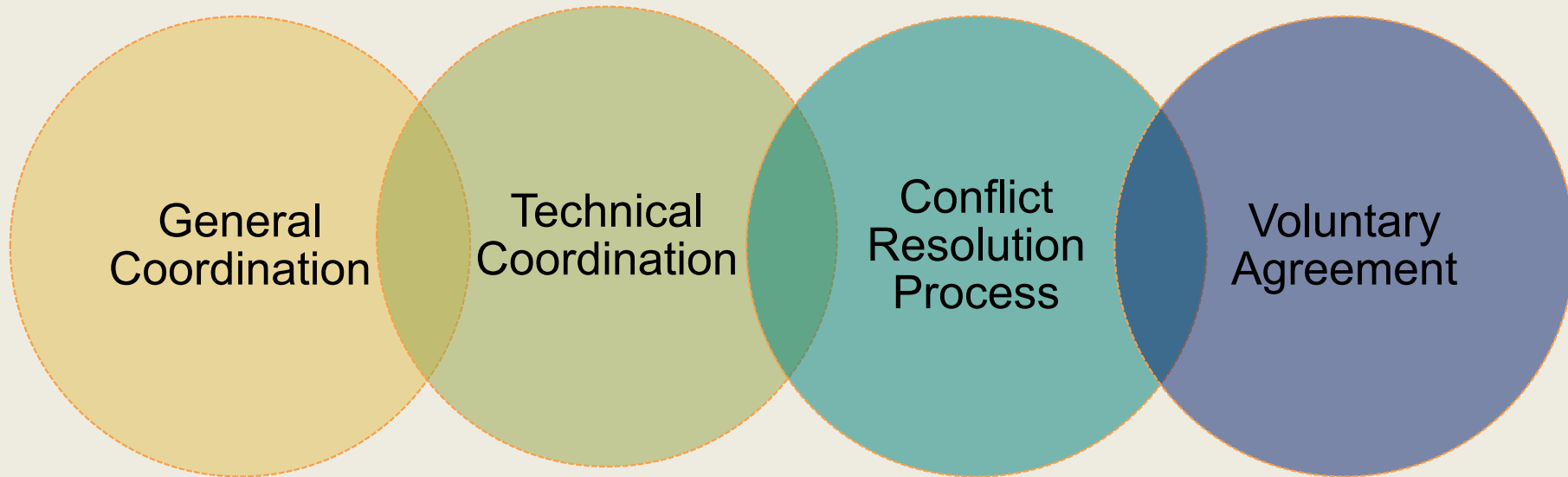
Wyandotte Creek

Me

While efforts have mainly focused on the subbasins identified above, we will also be coordinating, as warranted, with other subbasins to the north and south (Anderson, North Yuba, Sutter, and Yolo).

Coordination Priorities & Tools

§ 357.2. Interbasin Agreements Regulations Requirements



Focus:

- Inter-basin Coordination Directory
- Outreach Materials

Focus:

- Compiling information in a consistent way
- Accurate basis of comparison

Focus:

- Outlining road map & process for identifying and resolving issues

Focus:

- Research: Groundwater Sustainability Plans submitted to find examples



Reference: Sections 10727.2, 10733, and 10733.2, Water Code.

Next Steps

More information coming in December.



Summer 2020

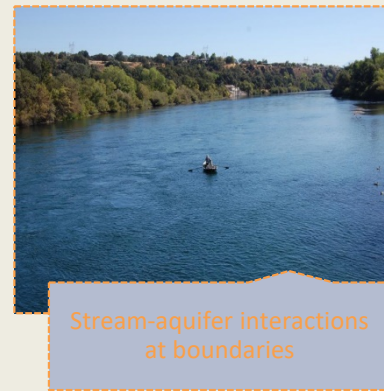
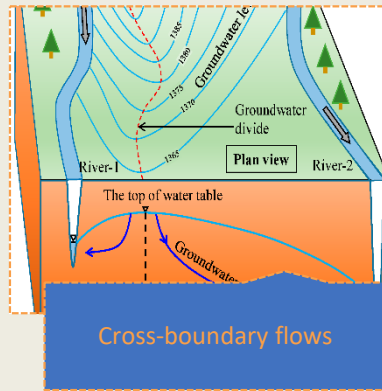
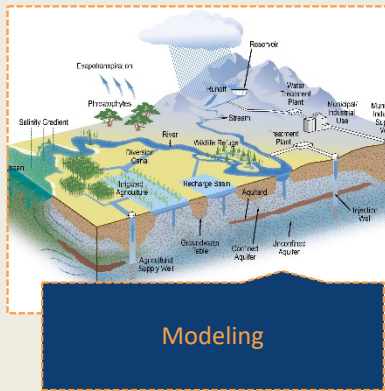
- Share priorities and desired outcomes for inter-basin coordination (i.e. focus on cross-boundary flows, stream-aquifer interactions, water budgets).
- Create info-sharing resources (directory, template, topic framing, etc.)

Fall/Winter 2020

- Technical coordination: compile information on models and water budgets
- Process for identifying differences and resolving conflicts

Spring / Summer 2021

- Sustainable Management Criteria
- Projects & Management Actions
- Monitoring Networks
- Decision on voluntary agreement(s)



Next Steps

Opportunities for Public Input



- CBI will compile the information provided by the consulting teams late-November (Phase 1- Modeling, Cross-Boundary Flows, and Stream Aquifer interactions).
- Staff and consultants will meet early December to review compiled data, identify any significant differences, and discuss potential ways to reconcile those differences, as warranted.
- This information will be presented to the public for an opportunity to ask questions and provide input. We will also include inter-basin coordination updates on a regular basis going forward.



About CBI

CBI is a nonprofit organization with decades of experience helping leaders collaborate to solve complex problems.

Our staff are experts in facilitation, mediation, capacity building, citizen engagement, and organizational strategy and development.

We are committed to using our skills to build collaboration on today's most significant social, environmental, and economic challenges. We work within and across organizations, sectors, and stakeholder groups.

FOR MORE INFORMATION: CBI.ORG



Groundwater Sustainability Plan Status

Thank You

