



Vina Groundwater Sustainability Agency

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

Rock Creek Reclamation District

P.O. Box 1679
Oroville, CA 95965-1679
(530) 533-2885



Board Members:

Evan Tuchinsky, Chair
Jeff Rohwer, Vice-Chair
Raymond Cooper
Tod Kimmelshue
Kasey Reynolds

Board Members:

Hal Crain, Chair
Darren Rice, Vice-Chair
Elvin Bentz
Jon Lavy
Bruce McGowan
Dan Paiva
Jay Payne

**VINA GROUNDWATER SUSTAINABILITY AGENCY AND
ROCK CREEK RECLAMATION DISTRICT
JOINT BOARD MEETING**

Meeting Agenda

November 9, 2022, at 5:30 p.m.

Chico City Council Chamber Building, 421 Main Street, Chico CA

IN-PERSON AND ONLINE MEETING 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.vinaqsa.org/>

PUBLIC PARTICIPATION:

This public meeting will be held in-person and online using the Zoom format for those who wish to participate remotely. Please use the following information to remotely view and participate in this meeting online:

ZOOM MEETING INFORMATION:

To access the live meeting, you have the following options:

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. You will also be placed on mute.

PUBLIC COMMENT INFORMATION:

All members of the public may address the GSA Boards on any item listed on the agenda or during Business from the Floor. Members of the public can submit public comment in one of three ways:

1. **EMAIL TO VINAGSAPUBLICCOMMENTS@CHICOCA.GOV.** When submitting public comment via email, please indicate the item number your comment corresponds to in the subject line. Comments submitted will be sent to the full GSA Board members electronically prior to the start of the meeting. At the meeting, email comments will be acknowledged and read into the record by name only during the public comment period for the corresponding Agenda Item. Comments received after an agenda item has been heard will be made part of the written record if received prior to the end of the meeting.
2. **VERBALLY IN-PERSON AT THE MEETING.** Each Speaker will be asked to complete a Speaker Card and turn it into the Management Committee Staff prior to the conclusion of the staff presentation of the pertinent agenda item. Speakers are also asked to please state their name at the podium before speaking.
3. **VERBALLY VIA ZOOM APPLICATION OR BY TELEPHONE.** A member of the public may indicate their intent to speak by raising their hand any time after the item number has been called. Speakers will be called upon by both Chairs and unmuted by the Meeting Host.
 - a. If attending by Zoom application, please click the “raise hand button”.
 - b. If attending by telephone dial *9 to raise your hand. *6 to mute/unmute yourself.
4. **TIME LIMIT.** Verbal comments, whether in person or on Zoom, will be limited to one comment per Agenda item, per attendee for no more than three (3) minutes, unless the Board Chairs specify a different time limit due to the number of speakers.

Groups or organizations are encouraged to select a spokesperson to speak on their behalf. Each subsequent speaker is also encouraged to only submit new information rather than repeating comments made by prior speakers or to simply indicate their agreement with a prior speaker.

PROCEDURE FOR PUBLIC AND BOARD MEMBER COMMENTS ON AGENDA ITEMS

After the staff report for each agenda item, the Chairs will take questions and/or comments from other Board members, with the Chairs commenting last. Speakers are to address their comments directly to the respective Boards. Staff and Legal Counsel will respond to questions from the public at the direction of the Chairs.

REQUIREMENT FOR ROLLCALL VOTES ON ALL MOTIONS

Pursuant to government code section 5495(a), “all votes taken during a teleconferenced meeting shall be by rollcall.” All rollcall votes will be taken in alphabetic order by the last name of the respective Board members, with each Board Vice-Chairs and Chairs voting last.

The audio and video recording of the Joint Vina GSA and RCRD GSA meeting and related materials will be posted at on the Vina GSA website at: <https://www.vinagsa.org/meetings>.

Agenda Prepared: 11/4/2022
Agenda Posted: 11/4/2022
Prior to: 5:30 p.m.



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.

**VINA GROUNDWATER SUSTAINABILITY AGENCY (GSA) AND
ROCK CREEK RECLAMATION DISTRICT GSA
JOINT BOARD MEETING OF NOVEMBER 9, 2022**

1. VINA GROUNDWATER SUSTAINABILITY AGENCY (GSA) REGULAR BOARD MEETING

1.1. Call to Order - Chair Tuchinsky

1.2. Roll Call

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

1.3.1. **ADOPTION OF A RESOLUTION RENEWING THE AUTHORIZATION TO CONDUCT TELECONFERENCE MEETINGS FOR BOTH THE VINA GSA BOARD AND STAKEHOLDER ADVISORY COMMITTEE (SHAC) MEETINGS.**

The Vina GSA Board will consider a resolution finding that the state of the COVID-19 emergency still exists, that meeting in person continues to present imminent risks to the health or safety of attendees, and that renews the Board's prior authorization for meetings to be held by teleconference as authorized by subdivision (e)(1)(C) of section 54943 of the Government Code.

Action: Adopt the following resolution:

**RESOLUTION OF THE VINA GROUNDWATER SUSTAINABILITY AGENCY BOARD
RENEWING THE AUTHORIZATION TO CONDUCT REMOTE TELECONFERENCE
MEETINGS OF THE BOARD AND ITS STAKEHOLDER ADVISORY COMMITTEE FOR 30
DAYS PURSUANT TO THE RALPH M. BROWN ACT AND CALIFORNIA ASSEMBLY BILL
361.**

1.3.2. **APPROVAL OF 10/19/22 VINA GSA BOARD MEETING MINUTES.**

Action: Approve the Vina GSA 10/19/2022 meeting minutes.

2. ROCK CREEK RECLAMATION DISTRICT (RCRD) GSA SPECIAL BOARD MEETING

2.1. Call to Order – Chair Crain

2.2. Roll Call

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

2.3.1. **RESOLUTION AUTHORIZING TELECONFERENCE MEETINGS FOR THE RCRD GSA AND REGULAR BOARD MEETINGS.**

The RCRD Board will consider a resolution authorizing remote teleconference meetings of the RCRD GSA and regular Board meetings for a period of 30-days.

Recommendation: Approval of the following resolution.

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE ROCK CREEK RECLAMATION
DISTRICT RE-AUTHORIZING REMOTE MEETINGS OF THE BOARD CONSISTENT WITH
AB 361 AND THE BROWN ACT.**

2.3.2. **APPROVAL OF MINUTES OF THE SEPTEMBER 8, 2022 RCRD MEETING**

Action: Approve minutes of RCRD Board Meetings held on 9/08/22.

2.3.3 APPROVAL OF \$20,000 PAYMENT TO MINASIAN, MEITH, SOARES, SEXTON & COOPER, LLP

Action: Approve payment of the above invoices

2.3.4 APPROVAL OF INVOICES

- a. LAFCO - \$97.67
- b. Wood Rodgers - \$1013.75
- c. California Special Districts Association - \$326.00

Action: Approve payment of the above invoices

3. BUSINESS FROM THE FLOOR

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

4. JOINT VINA/RCRD GSA BOARD MEETING REGULAR AGENDA

4.1. CONSIDERATION OF THE VINA STAKEHOLDER ADVISORY COMMITTEE'S (SHAC) RECOMMENDATIONS AND TWO RESOLUTIONS REGARDING THE SUSTAINABLE GROUNDWATER MANAGEMENT (SGM) GRANT PROGRAM APPLICATION

The Vina GSA Management Committee will provide the SHAC's recommendations and the Management Committee considerations on the prioritization of the projects and activities proposed to be included in the SGM grant application to the Department of Water Resources. The Boards will also consider two resolutions authorizing the submittal of the application. **(Report – Christina Buck)**.

Action: That both GSA Boards consider the SHAC's recommendations and the Management Committee's proposed options and approve:

- A. The Vina Subbasin list of project components and the prioritization to be used in developing the SGM Round 2 grant application.
- B. RESOLUTION BY THE VINA GROUNDWATER SUSTAINABILITY AGENCY THAT AN APPLICATION BE MADE TO THE DEPARTMENT OF WATER RESOURCES TO OBTAIN A GRANT UNDER THE 2021 SUSTAINABLE GROUNDWATER MANAGEMENT GRANT PROGRAM SGMA IMPLEMENTATION GRANT.
- C. RESOLUTION OF THE BOARD OF DIRECTORS OF ROCK CREEK RECLAMATION DISTRICT IN SUPPORT OF THE VINA GSA'S APPLICATION FOR A SUSTAINABLE GROUNDWATER MANAGEMENT GRANT

5. COMMUNICATIONS AND REPORTS

These items are provided for the Vina/RCRD Board's information. Although the Boards 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.

5.1 Vina GSA Management Committee Updates *(Verbal Report-Kamie Loeser)*

- Contract for Groundwater Sustainability Plan Annual Reporting
- Update on the Selection Process for RFP#18-23 Develop and Implement a Funding Mechanism for the Operations of two GSAs for the Implementation of their GSPs

5.2 Butte County Public Health Department Quarterly Well Permit Summary

- 6. ADJOURNMENT:** The Vina GSA Board will adjourn to a regular Vina GSA Board Meeting to be held on December 14, 2022, at 5:30 p.m. at the Chico City Council Chamber Building, 421 Main Street. Chico, CA 95928. The RCRD Board will adjourn to their next regular meeting which will be publicly announced and noticed.



**Vina
Groundwater Sustainability Agency
Agenda Transmittal**

Agenda Item: 1.3.1

Subject: Resolution renewing the authorization of Teleconference Meetings

Contact: Linda Herman

Phone: 530.896.7800

Meeting Date: 11/09/22

Consent Agenda

Department Summary:

On September 16, 2021, Governor Newsom signed AB 361 to amend the Brown Act to allow legislative bodies to meet via teleconference during a proclaimed state of emergency in accordance with procedures established by AB 361 rather than under the Brown Act's more narrow standard rules. If the Vina GSA Board desires to continue to have the Board and its Stakeholder Advisory Committee (SHAC) the ability to meet remotely via teleconference without meeting the narrower standard Brown Act rules, the Vina GSA Board is required to adopt a resolution making the findings required by AB 361.

The Vina GSA Board may meet using the alternative rules of AB 361 if there is (1) a current state of emergency declared by the Governor pursuant to California Government Code section 8625 and either (2) state or local officials have imposed or recommended measures to promote social distancing or (3) the Vina GSA Board has met or is meeting to decide by a majority vote that meeting in person presents imminent risks to the health or safety of attendees.

On March 4, 2020, Governor Gavin Newsom issued a Proclamation of State of Emergency. Additionally, the Centers for Disease Control indicates that COVID-19 is a highly transmissible virus that is spread when an infected person breathes out droplets and very small particles that contain the virus, and such droplets and particles are breathed in by other people. Since June of 2021, more infectious variants of the virus, known as the Delta, Omicron, and other variants, have emerged.

Based on the state of emergency and the potential imminent risks to attendees of in-person meetings, the Vina GSA Board initially authorized tele/video conference meetings for both the Board and its SHAC at its meeting on 10/13/21 for 30-days. To continue conducting remote meetings after the initial 30-days, AB 361 requires that the Board redetermine whether the state of emergency still exists.

Therefore, the Board will consider the attached resolution making the following findings:

1. The Governor's COVID-19 State of Emergency Declaration issued on March 4, 2020, proclaiming a State of Emergency in the State of California still exists.
2. The Board finds that State officials continue to impose or recommend measures to promote social distancing based on the State Public Health Officer's and/or California Department of Public Health's social distancing recommendations)) and the Department of Industrial Relations' issuance of COVID-19 Prevention regulations through Title 8 of the California Code of Regulations, section 3205 et seq. promoting social distancing in the workplace.
3. That the Board desires to renew its authorization to conduct meetings via tele/video conference for all Regular and Special Meetings of the Board and the SHAC for the 30 days following this resolution, in accordance with Government Code Section 54953(e)(1)(C) and other applicable provisions of the Brown Act.

Fiscal Impact: None

Staff Recommendation: The Management Committee recommends approval of the following Resolution:

RESOLUTION OF THE VINA GROUNDWATER SUSTAINABILTY AGENCY BOARD RENEWING THE AUTHORIZATION TO CONDUCT REMOTE TELECONFERENCE MEETINGS OF THE BOARD AND ITS STAKEHOLDER ADVISORY COMMITTEE FOR 30 DAYS PURSUANT TO THE RALPH M. BROWN ACT AND CALIFORNIA ASSEMBLY BILL 361.

Attachment 1: - AB361 Renewal Resolution

RESOLUTION NO. 08-22

RESOLUTION OF THE VINA GROUNDWATER SUSTAINABILITY AGENCY BOARD RENEWING THE AUTHORIZATION TO CONDUCT REMOTE TELECONFERENCE MEETINGS OF THE BOARD AND ITS STAKEHOLDER ADVISORY COMMITTEE FOR 30 DAYS PURSUANT TO THE RALPH M. BROWN ACT AND CALIFORNIA ASSEMBLY BILL 361.

WHEREAS, all meetings of the Vina Groundwater Sustainability Agency Board (“Board”) and its Stakeholder Advisory Committee (“SHAC”) are open and public, as required by the Ralph M. Brown Act (Cal. Gov’t Code section 54950 *et seq.*), so that any member of the public may attend, participate, and view the SHAC’ conduct while conducting their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions and requirements; and

WHEREAS, Government Code section 54953(e) requirements include but are not limited to (1) the existence of a state of emergency declared by the Governor pursuant to Government Code section 8625 and (2) State or local officials have imposed or recommended measures to promote social distancing; and

WHEREAS, on March 4, 2020, Governor Gavin Newsom issued a Proclamation of State of Emergency in response to the COVID-19 pandemic and as of the date of this Resolution, the proclaimed state of emergency remains in effect; and

WHEREAS, on March 17, 2020, Governor Newsom issued Executive Order N-29-20, which suspended and modified the teleconferencing requirements under the Brown Act (California Government Code Section 54950 *et seq.*) to allow local legislative bodies to hold public meetings via teleconference; and

WHEREAS, on June 11, 2021, the Governor issued Executive Order N-08-21, which extended the provisions of N-29-20 concerning the conduct of public meetings through September 30, 2021, and the Governor subsequently signed legislation revising Brown Act requirements for teleconferenced public meetings (Assembly Bill 361, referred to hereinafter as “AB 361”); and

WHEREAS, to preserve public health and safety, the State Public Health Officer and/or the California Department of Public Health has issued various orders and guidance regarding COVID-19 prevention measures, which include social distancing recommendations; and

WHEREAS, the California Department of Industrial Relations has issued COVID-19 Prevention regulations in Title 8 of the California Code of Regulations (Section 3205 *et seq.*) which requires employers to (1) have a written COVID-19 prevention program including employee training that promotes physical distancing as an infection prevention measure and (2) consider implementing physical distancing where feasible as a response to COVID-19 outbreaks; and

WHEREAS, based on the foregoing, the Board finds that State officials have imposed or recommended measures to promote social distancing; and

WHEREAS, the Board previously reauthorized conducting remote tele/video conference meetings for both the Board and its SHAC without compliance with Government Code section 54953(b)(3) pursuant to section 54953(e), and authorized such meetings to comply with the requirements to provide the public with access to the meetings as prescribed by section 54953(e)(2); and

WHEREAS, the Board desires to continue to have the flexibility to conduct remote tele/video conference meetings of the Board and its SHAC.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Vina GSA hereby finds as follows:

1. The facts set forth in the above recitals are true and correct and incorporated into this resolution by reference.
2. The Board has reconsidered the circumstances of the state of emergency that continues to exist and was proclaimed by Governor Newsom through a State of Emergency Proclamation on March 4, 2020.
3. The Board finds that State officials continue to impose or recommend measures to promote social distancing based on the State Public Health Officer's and/or California Department of Public Health's social distancing recommendations)) and the Department of Industrial Relations' issuance of COVID-19 Prevention regulations through Title 8 of the California Code of Regulations, section 3205 et seq. promoting social distancing in the workplace.
4. That the Board hereby renews its authorization to conduct meetings via tele/video conference for all Regular and Special Meetings of the Board and the SHAC for the 30 days following this resolution, in accordance with Government Code Section 54953(e)(1)(C) and other applicable provisions of the Brown Act.
5. This Resolution shall take effect immediately upon its adoption and shall be effective for 30 days, or at such time the Board adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Board and its SHAC may continue to teleconference without compliance with Section 54953(b)(3) of the Brown Act.

THIS RESOLUTION IS PASSED AND ADOPTED by the Vina Groundwater Sustainability Agency Board this 9th day of November 2022, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Evan Tuchinsky, Chair
Vina Groundwater Sustainability Agency

ATTEST:

By: _____
Linda Herman, Management Committee Member
Vina Groundwater Sustainability Agency

**MINUTES OF THE
VINA GROUNDWATER SUSTAINABILITY AGENCY
REGULAR BOARD MEETING**

Meeting of
October 19, 2022, **5:30 p.m.**
Chico City Council Chamber Building, 421 Main Street, Chico CA
IN-PERSON AND ONLINE MEETING VIA ZOOM

1. VINA GROUNDWATER SUSTAINABILITY AGENCY (GSA) REGULAR BOARD MEETING

1.1. Call to Order

The Vina GSA meeting was called to order by Chair Tuchinsky at 5:11 p.m.

1.2. Roll Call

Board Members Present:

Evan Tuchinsky
Jeffrey Rohwer
Raymond Cooper
Tod Kimmelshue
Deepika Tandon, Vina GSA Alternate

Board Members Absent: None

Staff Present:

Christina Buck and Kamie Loeser (Butte County Department of Water & Resource Conservation (BCDWRC), Jeff Carter and Jeannie Trizzino (Durham Irrigation District), Linda Herman (City of Chico).

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

2.1. ADOPTION OF A RESOLUTION RENEWING AUTHORIZATION TO CONDUCT TELECONFERENCE MEETINGS FOR BOTH THE VINA GSA BOARD AND STAKEHOLDER ADVISORY COMMITTEE (SHAC) MEETINGS.

The Vina GSA Board resolution finding that the state of the COVID-19 emergency still exists, and the Board renews its prior authorization that meetings of the GSA Board and its Stakeholder Advisory Committee may be held by teleconference as authorized by subdivision (e)(1)(C) of section 54943 of the Government Code.

Action: Adopt the following resolution:

RESOLUTION OF THE VINA GROUNDWATER SUSTAINABILITY AGENCY BOARD RENEWING THE AUTHORIZATION TO CONDUCT REMOTE TELECONFERENCE MEETINGS OF THE BOARD AND ITS STAKEHOLDER ADVISORY COMMITTEE FOR 30 DAYS PURSUANT TO THE RALPH M. BROWN ACT AND CALIFORNIA ASSEMBLY BILL 361.

2.2. APPROVAL OF THE MINUTES OF THE 8/10/22 VINA GSA REGULAR BOARD MEETING.

Action: Approval of the meeting minutes.

2.3. APPROVAL OF THE VINA GSA MONTHLY FINANCIAL STATUS REPORT

Action: Approve the Vina GSA Financial Status Report as of 10/11/22.

Board Member Rohwer motioned to approve the Consent Agenda. The motion was seconded by Board Member Kimmelshue.

Motion carried as follows:

AYES: Board Member Kimmelshue, Board Member Cooper, Alternate Board Member Tandon, Vice-Chair Rohwer, and Chair Tuchinsky

NOES: None

ABSENT: 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.

Public comments were provided by Jim Brobeck

5. **NOTICED PUBLIC HEARINGS** - NONE

6. **REGULAR AGENDA**

6.1. **PRESENTATION FROM THE NORTHERN CALIFORNIA WATER ASSOCIATION.**

Northern California Water Association President, David Guy, made a presentation to the Vina GSA Board regarding the Association's engagement with Sustainable Groundwater Management activities in the Sacramento Valley.

Recommendation: None, this is an informational item only.

This was an information item only so there was no action taken or direction given from the Board.

There was no public comment on this item

6.2. **CONSIDERATION OF AN AMENDMENT TO THE 2022-2023 VINA GSA BUDGET**

The Board reviewed a proposed amendment to the 2022-23 Vina GSA budget to increase the budget from \$15,127 to \$69,798.45. (***Report – Kamie Loeser***)

There was no public comment on this item

Recommendation: Approval of the amendment to the 2022-23 Vina GSA budget.

Board Member Kimmelshue motioned to approve the budget amendment. The motion was seconded by Board Member Rohwer.

Motion carried as follows:

AYES: Board Member Kimmelshue, Board Member Cooper, Vice-Chair Rohwer, and Chair Tuchinsky

NOES: None

ABSENT: None

6.3. UPDATE ON THE SUSTAINABLE GROUNDWATER MANAGEMENT ROUND 2 GRANT APPLICATION.

The Management Committee provided an update on the development of project scopes and budgets for a joint grant application for the Vina subbasin, (*Verbal Report –Christina Buck*).

Recommendation: None, this is an informational item only.

The Agricultural Groundwater Users of Butte County (AGUBC) provided comments via email on 10/19/22 to the Vina GSA Public Comments email.

This was an information item only so there was no action taken or direction given from the Board.

7. COMMUNICATIONS AND REPORTS

The following items were provided for the Board's information.

8.1 Rock Creek Reclamation District Groundwater Sustainability Agency (GSA) Updates

Management Committee member Loeser provided a brief update to the Board.

8.2 Email from SHAC member Jim Brobeck and the Management Committee's response.

There were no public comments on this item.

8. ADJOURNMENT:

The meeting was adjourned at 6:15 p.m. to the regular Vina GSA Board meeting to be held on November 9, 2022, at 5:30 p.m. in the Chico Council Chamber in the Chico Municipal Center building located at 421 Main Street, Chico, California and online via Zoom.

RESOLUTION NO. 2022-08

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE ROCK CREEK RECLAMATION DISTRICT RE-AUTHORIZING REMOTE MEETINGS OF THE BOARD CONSISTENT WITH AB 361 AND THE BROWN ACT

WHEREAS, the Rock Creek Reclamation District is committed to preserving and nurturing public access and participation in meetings of the Board of Trustees; and

WHEREAS, all meetings of the Board of Trustees of Rock Creek Reclamation District are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District's Board of Trustees conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote participation in meetings by members of a legislative body by audio or video or both, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition of remote meetings is a declaration of a state of emergency by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Trustees previously adopted a Resolution, Number 2021-06 on September 8, 2022 finding that the requisite conditions exist for the Board of Trustees of Rock Creek Reclamation District to conduct remote meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, as a condition of extending the use of the provisions found in section 54953(e), the Board of Trustees must reconsider the circumstances of the state of emergency; and the Board of Trustees has done so; and

WHEREAS, emergency conditions persist in the District, specifically, on March 4, 2020 the Governor proclaimed State of Emergency to exist in California due to the COVID-19 pandemic, which proclamation is still active; and

WHEREAS, state and local officials have recommended social distancing measures, including masks, to slow the spread of COVID-19 and its variants, and to protect the vulnerable and immunocompromised members of the community; and

WHEREAS, the Board of Trustees does hereby find that the state of emergency continues to directly impact the ability of members to meet in-person; and

WHEREAS, as a consequence of the State of Emergency and recommended social distancing measures, the Board of Trustees does hereby find that the Board of Trustees of Rock Creek Reclamation District shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such board shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the public may attend meetings and comment as described in meeting agendas.

NOW, THEREFORE, THE BOARD OF TRUSTEES OF ROCK CREEK RECLAMATION DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Re-ratification of Governor's Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

Section 3. Remote Teleconference Meetings. The staff and board of Rock Creek Reclamation District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 4. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) 30 days from adoption of this Resolution, or such time the Board of Trustees adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the board of Rock Creek Reclamation District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Trustees of Rock Creek Reclamation District this 9th day of November, 2022, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Chair of the Board

ATTEST:

Secretary of the Board

ROCK CREEK RECLAMATION DISTRICT

*A Butte County Reclamation District Operating Under Division 15 of the
California Water Code*

**Minutes of the
Rock Creek Reclamation District Board Meeting
September 8, 2022
3:00PM**

RCRD Attendance (in person)

Hal Crain-Chair

Darren Rice-Vice Chair

Bruce McGowan-Treasurer

Dan Paiva- Trustee

Elvin Bentz- Trustee

Jay Payne-Trustee

Joanne Parsley- Secretary (non-Trustee)

Aiden Wallace -legal counsel

RCRD Absent:

Jon Lavy- Trustee

Public Attendance:

Kris Behring

John Fisher

Tom Peterson

Loretta Weber

Meeting called to order: September 8, 2022, 3:00PM by Chairman Crain

1. Public Comments: This is time for any member of the public to address the Board of Directors on any matters not on the agenda that is within the subject matter jurisdiction of the district. Comments are limited to no more than three (3) minutes each.

None

2. Approval of Resolution No. 2022-06 – action requested – motion to adopt Resolution No. 2022-06, A RESOLUTION OF THE BOARD OF TRUSTEES OF THE ROCK CREEK RECLAMATION DISTRICT RE-AUTHORIZING REMOTE MEETINGS OF THE BOARD CONSISTENT WITH AB 361 AND THE BROWN ACT

Motion to approved Resolution No. 2022-06 by Vice Chair Rice, seconded by Trustee McGowan – Motion passed unanimously

3. Prop 218 Fee Public Hearing (\$16.25/acre)

a. Public Comment - **None**

b. Final Call for Written Protests - **None**

4. Announce Results of Prop 218 Public Hearing:

Discussion led by Adian Wallace of Minasian, Meith, Soares, Sexton & Cooper, LLP. Trustees were informed that the law firm had received 7 written mailed protests which did not constitute a majority protest.

5. Consider Resolution No. 2022-07: Adoption of Prop 218 Fee – action requested

Motion to adopt Resolution No. 2022-07 by Trustee McGowan, seconded by Trustee Bentz – Motion passed unanimously

6. Adjournment - Meeting was adjourned by Chairman Crain at 3:30



Vina
Groundwater Sustainability Agency
Agenda Transmittal

Agenda Item: 4.1

Subject: Sustainable Groundwater Management Round 2 Grant Application

Contact: Christina Buck

Phone: 530-552-3593

Meeting Date: Nov. 9, 2022

Regular Agenda

Department Summary: The Department of Water Resources (DWR) is administering the Sustainable Groundwater Management (SGM) Grant Program which will provide Groundwater Sustainability Agencies (GSAs) funding to help implement projects and implementation activities identified in their Groundwater Sustainability Plans (GSPs). The solicitation for Round 2 officially opened on October 4, 2022 and the application submission deadline is November 30, 2022.

There must be one application submitted for the subbasin, but it can include multiple projects, referred to as "components," that could be implemented by multiple agencies. The Vina GSA will submit the application on behalf of the subbasin and is anticipated to be the implementing agency for many of the components. The grant application requires the submitting agency to pass an authorizing Resolution. Any implementing agency of an included component must also pass a resolution.

Since September, a number of projects have been scoped with more detailed tasks/deliverables and budgets. They are all eligible for this grant opportunity although the funding is expected to be very competitive. The grant application will include a table that requires the components be ranked in order of priority which will guide DWR's grant award decision-making if partial funding of the application is necessary. Therefore a discussion of prioritized components will be important. The attached staff memo outlines a recommendation from the Vina Stakeholder Advisory Committee and other considerations in light of the grant program's application evaluation criteria. The Boards may wish to further refine the scopes and budgets of the components.

Attachments:

1. Staff Memo with Attachments
2. Vina GSA Authorizing Resolution
3. Rock Creek Reclamation District GSA Supporting Resolution

Requested Action:

- A. *Consider the SHAC recommendations and the Management Committee options and approve the Vina Subbasin list of project components and the prioritization to be used in developing the SGM Round 2 grant application.
- B. *Approve Grant Applicant Resolution Authorizing Preparation and Submittal of a Sustainable Groundwater Management Act (SGMA) Implementation Round 2 Funding Application to the California Department of Water Resources for the Vina Groundwater Subbasin
(Vina GSA Board)
- C. Approve Supporting GSA Resolution Authorizing Preparation and Submittal of a Sustainable Groundwater Management Act (SGMA) Implementation Round 2 Funding Application to the California Department of Water Resources for the Vina Groundwater Subbasin (RCRD GSA Board)

Fiscal Impact: None

Staff Recommendation: Take action on the three items outlined above.



Vina Groundwater Sustainability Agency
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MEMORANDUM

DATE: November 1, 2022
TO: Vina GSA and Rock Creek Reclamation District GSA Boards
FROM: Christina Buck, Asst. Director, Butte County Water and Resource Conservation
RE: SGM Grant Program Application Projects and Project Prioritization

Background

The Department of Water Resources (DWR) is administering the [Sustainable Groundwater Management \(SGM\) Grant Program](#) which will provide Groundwater Sustainability Agencies (GSAs) funding to help implement projects and implementation activities identified in their Groundwater Sustainability Plans (GSPs). The Final [Guidelines](#) and [Proposal Solicitation Package](#) (PSP) describing project eligibility and the application process were released in December 2021. The solicitation officially opened on October 4, 2022 and the application submission deadline is **November 30, 2022**. In addition, DWR has recently made some adjustments to the solicitation and application evaluation criteria. Some items of note include:

- There is about \$231 million from several different funding sources
- All subbasins (high and medium priority as well as critically overdrafted) are eligible
- Local cost share is not required and not part of the evaluation criteria (does not affect scoring of project)
- Reimbursable expenses start October 4, 2022
- Reimbursement Deadlines are April 30, 2026 for Project Completion and June 30, 2026 is the last date for invoicing a project
- The application requires that projects are ranked in order of priority. This provides a clear path for DWR on how to award partial funding for an application.

The Vina Subbasin is categorized as a “high priority subbasin” and is eligible for Round 2 of this funding opportunity. Grant awards will be a minimum of \$1 million per subbasin and up to \$20 million per subbasin. We expect this to be extremely competitive and only the strongest projects should be included in the application. There must be one application submitted for the subbasin, but it can include multiple projects, referred to as “Components,” that could be implemented by multiple agencies. Therefore, the Vina GSA and Rock Creek Reclamation District GSA (GSAs) are coordinating to submit a single application for the subbasin. The Vina GSA will submit the application on behalf of the subbasin.

In August 2022, the GSA Boards gave direction on a list of projects that would be further developed with more detailed work plans, budgets, and schedules. Davids Engineering, Luhdorff & Scalmanini

Consulting Engineers, and Montgomery & Associates have been contracted by the Butte County Water and Resource Conservation Department to help with project development and application preparation. Each of the consultants have a handful of projects they are leading on, to scope work plans, budgets, and schedules. In addition, there are several projects on the list being brought forward by other agencies, such as Rock Creek Reclamation District and the City of Chico.

Project Development

Four public project workshops were held between October 10, 2022 and October 17, 2022. Workshop materials and recordings are available online: <https://www.vinagsa.org/sgm-grant-program-workshop-series>. The purpose of the workshops was to discuss draft scopes of work, schedules, and budgets for each project and to receive public input and perspectives on aspects that should be considered or included when developing further details. Workshops included presentations and overviews of the projects and good discussion and comments from participants. Available on the webpages is a recording of each workshop, the slides presented at the workshop, and a slide deck that bullets key takeaways regarding input received on project scopes and budgets from each project workshop.

SHAC Discussion and Recommendations

The result of the project development effort was a set of more detailed project descriptions with project background, tasks, deliverables, budgets, and schedules outlined for each project (available in the SHAC [meeting materials](#)). These details along with a summary table (**Attachment A**) were provided to the Vina Stakeholder Advisory Committee (SHAC) to support their discussion and recommendations to the Vina GSA Board regarding priority projects.

The task before the SHAC was three fold:

- 1) Provide a recommendation on the list of projects to include in the grant application
- 2) Provide a recommendation on any specific revisions to the project tasks, deliverables, or budgets for projects that are recommended to be included in the grant application
- 3) Provide a recommendation on the ranking of the projects recommended to be included in the application

A summary of the SHAC's discussion and details of their recommendation is provided in **Attachment B**. The SHAC unanimously recommended the list of projects and their priority as shown in Table 1 below. Staff has refined the tasks and budgets associated with these projects. Details are shown in the SHAC Recommendation Table in **Attachment C**.

Table 1- SHAC Recommended Projects/Components and Order of Priority

Final Rank	Project / Component	Approximate Cost
	Grant Agreement Administration	400,000
1	Data Management System, Monitoring Network Enhancements	2,018,750
2	GSP Implementation, Outreach, and Compliance Activities, Interconnected Surface Water (ISW)/Associated Impacts on Groundwater Dependent Ecosystems	1,110,000
3	Project and Management Action Implementation, Inter-basin Coordination Activities	1,150,000
4	Extend Orchard Replacement	1,500,000
5	Lindo Channel Surface Water Recharge Implementation	1,100,000
6	Agricultural Surface Water Supplies	4,500,000
7	Domestic Well Mitigation	675,000
8	Agricultural Irrigation Efficiency	1,000,000
9	Expansion of Water Purveyors' Service Area	145,000
10	Sand Creek Flood MAR/Ag MAR Project Phase 2	2,500,000
11	Well Permitting Ordinance	137,500
12	Groundwater Recharge Feasibility Analysis and Site Evaluation	2,670,000
	Total	18,906,250

Considerations for Project Prioritization

It will be important that our application and the prioritized Components communicate to DWR the vision the GSAs have for achieving groundwater sustainability and making progress toward that end in the Vina subbasin.

The project development effort benefited from the expertise of the consultant teams and public input through the project workshops and resulted in a thorough list of projects that are more defined and, importantly, now have cost estimates. This also provides an opportunity to group projects or tasks in different ways to create strong Components and a competitive grant application. This was the basis of staff's recommendation during the SHAC meeting to combine some of the projects. This resulted in a reduction of total projects on the list from 16 to 12, as accepted by the SHAC and reflected in Table 1 (see detailed tasks in Attachment C).

Staff has given additional thought to the project list in light of the grant program evaluation criteria to maximize points. Given the short timeline to develop projects, incorporate input, and complete an

application by the deadline, staff and consultants are working diligently to design Components to create a strong grant application. This is an evolving process and therefore staff brings forward the following considerations for the GSA Boards' discussion.

Consideration #1 Consolidating Expansion of Purveyors' Service Area and Well Permitting

Staff suggests that two projects, the *Expansion of Water Purveyor's Service Area* and the *Well Permit Ordinance*, should not be included in the grant application as stand-alone Components. Staff recommends they be incorporated as tasks into a larger Component or dropped from the application. Adding them to the *Project and Management Action Implementation* Component would be a way to incorporate them into an existing Component for a stronger application (as shown in blue in Table 2).

Table 2- Potential Additions to PMA Implementation Component

Tasks	Project and Management Action Implementation	Estimated Cost
1	<i>Fee Study for Long term Financing of the Vina GSA</i>	100,000
2	<i>Legal Implications of Recharge Analysis</i>	200,000
3	<i>BBGM Update and Re-Calibration</i>	200,000
4	<i>Analysis of Water Management Action Implementation Options</i>	200,000
5	<i>Inter-basin Coordination Activities</i>	400,000
6	<i>Expansion of Water Purveyors' Service Area Implementation Plan</i>	145,000
7	<i>Well Permitting Ordinance Technical Assistance</i>	137,500
	TOTAL	1,382,500

Consideration #2 Alternative Funding Sources

Some projects could be funded by other funding sources (see table in Attachment B for details by project). This was a topic of SHAC discussion as well. Other funding sources may include state Drought funding to address shallow domestic well impacts and drinking water needs or federal irrigation efficiency programs through the Bureau of Reclamation or the Natural Resources Conservation Service (NRCS). In addition, subbasin-wide efforts such as *GSP Implementation, Outreach, and Compliance Activities* could be funded locally through a long-term financing mechanism (i.e. fees through Proposition 218/Proposition 26 process). Considering the possibility of alternative funding sources for some projects may influence the order of priority of the Components submitted in the SGM Grant program application. However, pursuit of alternative funding would take an investment of additional time and resources.

Consideration #3 Alternative Package of Components

Implementation projects as shown in the Summary Table (Attachment A) are generally scoped to include all phases of the project from feasibility, preliminary design (or a pilot program), to implementation or construction. The advantage is these projects each have an implementation phase. However, this also leads to multiple expensive projects. An alternative approach for the application is to combine similar activities and scale them back to conclude with an implementation plan or initial design. Streamlining and strategically combining projects could help to make some progress on multiple fronts if the Component were to be funded. Staff provides an Alternative package of Components presented in Table 3 below, with more details (tasks and budget by task) shown in Attachment C. The list reflects generally the same order of priority recommended by the SHAC, but notably creates the *Agricultural Best*

Management Practices for Water Use Efficiency and Alternative Supply Component. Also, it should be noted that the Expansion of Water Purveyors' Service Area and Well Permitting Ordinance tasks are not included in this alternative. In addition, Domestic Well Mitigation has been added as a task to the *Monitoring Network Enhancements to Address Data Gaps* Component, but has been scaled back to develop the approach for a mitigation program (does not include implementation dollars). We believe including this task would strengthen the entire Component and other funding sources could be pursued for implementation.

In addition, any of the Components could have tasks added or removed to scale up/down the scope and budget of the Component. Refer to Attachment A for the most detailed cost estimates by task. When combined in different ways as in Table 1 and 3, cost estimates are adjusted and refined (as detailed in Attachment C).

Table 3- Alternative Package of Components

#	Component	Estimated Cost
1	Grant Agreement Administration	400,000
2	Monitoring Network Enhancements to Address Data Gaps	2,080,000
3	GSP Implementation, Outreach, and Compliance Activities	1,110,000
4	Project and Management Action Implementation	1,100,000
5	Lindo Channel Surface Water Recharge Implementation	1,100,000
6	Agricultural Best Management Practices for Water Use Efficiency and Alternative Supply	3,450,000
7	Sand Creek Flood MAR/Ag MAR Project Phase 2	2,500,000
8	Groundwater Recharge Feasibility Analysis and Site Evaluation	2,670,000
	TOTAL	14,410,000

Consideration #4 Pursue Technical Support Services for New Monitoring Infrastructure

Another alternative could include reducing the *Monitoring Network Enhancements to Address Data Gaps* Component by approximately \$1M, from \$2M to roughly \$1M. The intent would be to pursue DWR's Technical Support Services (TSS) program that installs monitoring wells. Retaining about \$300,000 in Task 1 would fund the effort to identify ideal monitoring locations and fund staff time to pursue the TSS program (i.e. application process, establish landowner access agreements etc). Reducing the budget of this project would reduce the number of monitoring locations funded by the grant but those monitoring locations could be funded by other state funds. Reducing the budget of this Component could increase the likelihood of one of the other projects on the list being funded by the grant, while also increasing monitoring locations in the subbasin through use of the TSS program.

Table 4- Monitoring Network Enhancements to Address Data Gaps Component

Task	Monitoring Network Enhancements to Address Data Gaps	Estimated Cost
1	<i>Installation and Additional Monitoring Wells and Stream Gauges</i>	1,300,000
2	<i>Mapping the GDE (in space and changes over time) utilizing CSU Chico Staff</i>	50,000
3	<i>Database of Domestic Wells in the Subbasin¹</i>	330,000
4	<i>Domestic Well Mitigation Approach</i>	100,000
5	<i>Update and Maintain Data Management System</i>	250,000
6	<i>Engagement/Outreach</i>	30,000
7	<i>Inter-basin Coordination</i>	20,000
	TOTAL	2,080,000

Next Steps

Given direction from the GSA Boards on which Components (and tasks) to include in the SGM grant application, and their corresponding order of priority, staff and consultants will prepare the final content for inclusion in the grant application and submit by the November 30, 2022 deadline.

Requested Action

Approve Vina Subbasin list of Components and prioritization to be used in developing the SGM Round 2 grant application.

Attachments

- A. SHAC Summary Table of Projects and Implementation Activities
- B. SHAC Meeting Summary
- C. Summary Tables: Detailed 1) SHAC Recommendation Package and, 2) Alternative Package of Components
- D. Slides with Component Descriptions

Attachment A: Summary of Projects and Implementation Activities- SHAC Meeting, 10/26/2022

Note: Tier A projects are activities required to comply with SGMA or to address Data Gaps identified in the GSP

#	Tier	Ref #	Title	Estimated Cost	Start Date	End Date
A.	A	A.	Grant Agreement Administration	400,000	Dec-23	Jun-26
1	A	MA 1	GSP Implementation, Outreach, and Compliance Activities			
		1	Annual Report Development, for WY 2022, 2023, 2024, 2025	160,000	Nov-22	Jun-26
		2	GSP Updates and Response to DWR Comments	100,000	Jan-24	Jul-24
		3	5-year Evaluation Report	300,000	Jan-24	Jan-27
		4	Outreach and Education Program	100,000	Jan-22	Jun-27
			TOTAL	660,000		
2	A	DE 4	Data Management System			
		1	Component administration and management	25,000	Jul-23	Jul-26
		2	Finalize requirements of DMS	50,000	Sep-23	Sep-24
		3	Develop and document DMS	125,000	Mar-24	Mar-26
		4	Stakeholder engagement, education, and outreach	50,000	Jul-23	Mar-26
			TOTAL	250,000		
3	A	LSCE 1	Community Monitoring: Domestic Well Survey		Jan-24	Dec-25
		1	Perform Well Records Survey	15,000	Jan-24	Mar-24
		2	Verify Well Use/Status	20,000	Jan-24	Mar-24
		3	Perform Well Video Surveys	120,000	Apr-24	Dec-24
		4	Create/Maintain Dry Well Database	25,000	Apr-24	Dec-25
		5	Engagement/Outreach to Monitoring Participants	20,000	Jul-24	Dec-24
		6	Equip Wells/Well Owner Monitoring Education	100,000	Oct-24	Sep-25
		7	Develop Community Database System	30,000	Apr-25	Dec-25
			TOTAL	330,000		
4	A	MA 3	Interconnected Surface Water (ISW)/Associated Impacts on Groundwater Dependent Ecosystems		Jun-23	Jun-25
		1	Develop Plan to Fill Data Gaps	30,000		
		2	Gather and Evaluate Data	200,000		
		3	Interbasin Coordination on Methodology and Approaches	20,000		
		4	Develop and Implement an Approach to Set ISW SMC	200,000		
			TOTAL	450,000		
5	A	LSCE 5	Monitoring Network Enhancements		Jan-24	Dec-25
		1	Community Domestic Well Monitoring	53,750	Jan-24	Dec-24
		2	Installation of Multi-completion Monitoring Wells	810,000	Jan-24	Jun-24
		3	Installation of Shallow Groundwater Monitoring Devices	335,000	Apr-24	Jun-25
		4	Installation of Surface Water Stream Gauges	125,000	Apr-24	Jun-25
		5	Mapping the GDE (in space and changes over time) utilizing CSU Chico Staff	50,000	Jul-24	Dec-25
		6	Integrate Data Into GSP Monitoring Database	15,000	Jul-24	Dec-25
		7	Engagement/Outreach	30,000	Apr-24	Jun-25
		8	Interbasin Coordination	20,000	Jan-24	Dec-25
			TOTAL	1,438,750		
			TOTAL: Tier A	3,528,750		
6	B	MA 2	Inter-basin Coordination Activities		May-23	May-27
		1	Information Sharing	120,000		
		2	Conducting Joint Analysis and Evaluation of GSPs	200,000		
		3	County Contour Mapping	40,000		
		4	Coordinated Communication and Outreach	40,000		
			TOTAL	400,000		
7	B	Butte 1	Project and Management Action Implementation		Oct-22	Mar-26
		1	Fee Study for Long term Financing of the Vina GSA	100,000	Oct-22	Aug-23
		2	Legal Implications of Recharge Analysis	200,000	Mar-24	Dec-24
		3	BBGM Update and Re-Calibration	200,000	Jun-24	Dec-25
		4	Analysis of Water Management Action Implementation Options	200,000	Jun-25	Mar-26
			TOTAL	700,000		
			TOTAL: Tier B	1,100,000		
8		DE 2	Agricultural Surface Water Supplies		Jul-23	Jul-26
		1	Component administration and management	250,000	Jul-23	Jul-26
		2	Develop projects and perform initial screening	750,000	Jul-23	Jul-24
		3	Perform and document five project feasibility analyses	3,000,000	Jan-24	Jul-26
		4	Stakeholder engagement, education, and outreach	500,000	Jul-23	Jul-26
			TOTAL	4,500,000		

#	Tier	Ref #	Title	Estimated Cost	Start Date	End Date
9		DE 1	Agricultural Irrigation Efficiency		Jul-23	Jul-26
		1	Component administration and management	100,000	Jul-23	Jul-26
		2	Develop precision irrigation piloting program	150,000	Sep-23	Sep-24
		3	Implement precision irrigation pilot program	500,000	Mar-24	Mar-26
		4	Analyze results of precision irrigation pilot program	150,000	Oct-24	Mar-26
		5	Stakeholder engagement, education, and outreach	100,000	Jan-24	Jul-26
			TOTAL	1,000,000		
10		DE 3	Extend Orchard Replacement		Jul-23	Jul-26
		1	Component administration and management	50,000	Jul-23	Jul-26
		2	Develop extend orchard replacement pilot program	150,000	Sep-23	Sep-24
		3	Implement extend orchard replacement pilot program	1,200,000	Mar-24	Mar-26
		4	Stakeholder engagement, education, and outreach	100,000	Jul-23	Jul-26
			TOTAL	1,500,000		
11		LSCE 2	Domestic Well Mitigation		Jan-24	Dec-25
		1	Create Voluntary Well Registration	10,000	Jan-24	Mar-24
		2	Identify High Risk Wells - Dry Well Records	5,000	Jan-24	Mar-24
		3	Prepare Hydro-geologic Study To Identify Mitigation Metrics and create high-risk well predictive model	75,000	Jan-24	Jun-24
		4	Establish County Well Mitigation Prioritization Process	15,000	Jul-24	Sep-24
		5	Develop Well Mitigation Funding Strategy	10,000	Apr-24	Sep-24
		6	Implement High Priority Well Mitigation Projects	550,000	Oct-24	Dec-25
		7	Engagement/Outreach	10,000	Jan-24	Dec-25
			TOTAL	675,000		
12		LSCE 3	Well Permitting Ordinance		Jan-24	Dec-25
		1	Evaluate Existing Ordinance	10,000	Jan-24	Mar-24
		2	Review Ordinance Update Options	20,000	Jan-24	Mar-24
		3	Establish County Ordinance Policy Framework	15,000	Apr-24	Jun-24
		4	Develop Draft Ordinance	40,000	Jul-24	Dec-24
		5	Solicit Draft Ordinance Review Comments	12,500	Mar-25	Jun-25
		6	Prepare Final Ordinance and Adopt	15,000	Jul-25	Dec-25
		7	Engagement/Outreach	25,000	Apr-24	Dec-25
			TOTAL	137,500		
13		LSCE 4	Expansion of Water Purveyors' Service Area ** corrected tasks		Jan-24	Dec-25
		1	Identify Water Purveyors in Subbasin	10,000	Jan-24	Mar-24
		2	Assess Water Purveyor Expansion Capacity	25,000	Jan-24	Mar-24
		3	Identify Potential Customers for Expansion	15,000	Jan-24	Mar-24
		4	Develop Draft Implementation Plan	50,000	Apr-24	Dec-24
		5	Solicit Draft Implementation Plan Review Comments	10,000	Jan-25	Mar-25
		6	Prepare Final Implementation Plan	20,000	Apr-25	Sep-25
		7	Engagement/Outreach	15,000	Apr-24	Dec-25
			TOTAL	145,000		
14		RCRD 1	Sand Creek Flood MAR/Ag MAR Project Phase 2		Oct-23	Dec-25
		(a)	Component Administration	40,000		
		1	Environmental Documentation	50,000	Oct-23	Dec-23
		2	Design Plans and Specifications	175,000	Jan-24	Apr-24
		3	Permitting	50,000		
		4	Contract Services	25,000	May-24	Jul-24
		5	Construction Admin	50,000	Aug-24	Oct-25
		6	Construction	2,000,000	Aug-24	Oct-25
		7	Environmental Compliance	50,000	Aug-24	Oct-25
		8	Monitoring/Assessment	40,000	Oct-23	Dec-25
9	Engagement/Outreach	20,000	Oct-23	Dec-25		
			TOTAL	2,500,000		
15		Geosyntec 1	Groundwater Recharge Feasibility Analysis and Site Evaluation		Jan-23	Dec-24
		1	Grant Administration	90,000	Jan-23	Dec-24
		2	Feasibility Analysis and Project Identification	100,000	Jan-23	Jun-23
		3	Groundwater Recharge Investigation and Preliminary Design	300,000	Jan-23	Jun-23
		4	CEQA/Permitting	100,000	Jan-23	Jun-23
		5	Final Design	150,000	Jan-23	Jun-23
		6	Bid Documents	50,000	Jul-23	May-24
		7	Construction/Implementation Activities	1,800,000	Jul-23	May-24
		8	Public Outreach and Education Program	80,000	Jan-23	Jul-24
			TOTAL	2,670,000		
16		MA 4	Lindo Channel Surface Water Recharge Implementation		Apr-24	Jun-26
		1	Phase 1: Refine Scope and Design Project	300,000	Apr-24	Apr-25
		2	Phase 2: Implementation	800,000	Apr-25	Ongoing
			TOTAL	1,100,000		
17		Chico 1	Recycled Wastewater Feasibility Study	600,000		
			GRAND TOTAL	19,456,250		

Vina Stakeholder Advisory Committee (SHAC)

October 26, 2022

Summary of Discussion on Item 4

The Vina Stakeholder Advisory Committee (SHAC) met in-person at the Butte County Public Works Building (44 Bellarmine Ct Chico, CA) and virtually via Zoom on October 26, 2022, 9:00 a.m. – 12:00 p.m. This summary serves as a detailed record of the discussion held on Item 4: Discussion and Possible Recommendation on Project Prioritization and Projects to Include in SGM (Sustainable Groundwater Management) Grant Program Application. This summary is distinct and separate from the official meeting minutes. Meeting materials and the recording are available online: <https://www.vinagsa.org/2022-10-26-stakeholder-advisory-committee-meeting>

Summary of Discussion and Possible Recommendation on Project Prioritization and Projects to Include in SGM Grant Program Application

Christina Buck introduced the item, providing background context (refer to PowerPoint slides).

The SHAC is requested to:

1. Provide a recommendation on the list of projects to include in the grant application
2. Provide a recommendation on any specific revisions to the project tasks, deliverables, or budgets for projects that are recommended to be included in the grant application
3. Provide a recommendation on the ranking of the projects recommended to be included in the application.

Greg Sohnrey asked why the Groundwater Sustainability Agency (GSA) might choose to omit projects from the application. Christina confirmed that the SHAC could include all the projects if they so choose. Greg would like to move directly to the ranking exercise.

Samantha Lewis asked for information about how much money the GSA can reasonably expect to receive from the Department of Water Resources (DWR) SGM grant. Technical consultants shared that given the high number of basins eligible for funds, they may receive as little as \$2-3 million.

Samantha asked for additional information about other funding sources that may be available to the GSA. Christina shared information about the Tier A projects, clarifying that Tier A activities are required by the Sustainable Groundwater Management Act (SGMA) so they must be funded, either through the grant or otherwise. Kamie Loeser spoke to the reality that there are other types of funding that could be well aligned with other funding sources (drought grants, for example).

The SHAC filled in the "Other Funding Sources" column in the ranking sheet. See table below for details on potential other funding sources per project.

Vina Stakeholder Advisory Committee (SHAC)

October 26, 2022

Summary of Discussion on Item 4

#	Project	Funding Sources	Notes
1	GSP Implementation, Outreach, and Compliance Activities	Local	
2	Data Management System	Local	
3	Community Monitoring: Domestic Well Survey	Drought Funding, TSS	
4	Interconnected Surface Water (ISW)/Associated Impacts on Groundwater Dependent Ecosystems	Local	
5	Monitoring Network Enhancements	TSS, Local	
6	Inter-basin Coordination Activities	FSS, Local	
7	Project and Management Action Implementation	Local	
8	Agricultural Surface Water Supplies	USBR WaterSmart?, NRCS	USBR not applicable to feasibility study
9	Agricultural Irrigation Efficiency	RCD/NRCS, USBR WaterSmart	NRCS could help on farm implementation
10	Extend Orchard Replacement	Possible DWR Program	
11	Domestic Well Mitigation	Drought Funding	
12	Well Permitting Ordinance	Local	
13	Expansion of Water Purveyors' Service Area	Drought, State Board	
14	Sand Creek Flood MAR/Ag MAR Project Phase 2	Local	
15	Groundwater Recharge Feasibility Analysis and Site Evaluation	Local	
16	Lindo Channel Surface Water Recharge Implementation	Local	
17	Recycled Wastewater Feasibility Study	Other money	

FSS- DWR Facilitation Support Services

RCD- Resource Conservation District

TSS- DWR Technical Support Services

USBR- United States Bureau of Reclamation

Local- through fees such as a Prop 218/Prop 26

Bruce Smith shared that the SGMA Data Viewer houses an incredible amount of information. He placed strong emphasis on the need for enhanced data tracking. He shared support for the Tier A and B projects.

Kamie highlighted that the SHAC needs to be thinking about what goes into the budget holistically, especially considering that applying for additional grants takes staff effort.

Samantha asked staff to identify which components are activities that need to be funded in perpetuity.

Bruce asked how difficult it will be for the GSA to raise its own funds. Kamie replied that it depends: a GSA could charge a flat administrative fee, which would exclude implementation projects. Fees could also be applied on a

Vina Stakeholder Advisory Committee (SHAC)

October 26, 2022

Summary of Discussion on Item 4

per-acre or water use basis. They plan to get into this in January. Eddy Teasdale chimed in that fees can range from \$1 to \$170 per acre, for example.

Tovey Giezentanner (public participant) observed that the Tier A and B projects total \$4.7 million. He asked if that was representative of what it costs for the GSA to run.

Greg asked again why the GSA wouldn't include the full list in the application. Christina and Lisa Porta replied that conducting the ranking exercise is useful because DWR will not choose to fund all of the projects in the application.

Todd Greene asked for clarification about why there are additional projects here that were not advanced by the SHAC in July. He shared that he can't see 17 items being included in the grant application. Christina replied that in the last meeting, there were grey items at the top followed by the 13 projects. The grey items became the tier A projects in this list, and some of the 13 projects were combined under the current framework. Kamie added that some of the projects shown here today could still be consolidated. An additional project in this list is the Sand Creek Flood-MAR/Ag MAR project (MAR = Managed Aquifer Recharge), which was put forth by the Rock Creek Reclamation District.

Jim Brobeck asked for clarification on how DWR chooses to award funding. Kamie clarified that they will take the top ranked projects.

Another reason why a project might not be included in the DWR package is because the grant has a 4 year expenditure timeframe.

Samantha proposed funding the Tier A and B projects locally since they are an investment the community makes in itself. The SHAC should request grant funds for the bigger "bang-for-your-buck" projects. Joanne Parsley agrees that they need to start investing in the projects that will result in tangible improvements in the water portfolio.

The SHAC recommended removing project 17, moved by Joanne, seconded by Greg. The SHAC voted to remove the Recycled Wastewater Feasibility Study from the list, since there are other funding mechanisms that exist for that project.

Anne Dawson left the meeting at 10:15 and rejoined online later.

Jim Brobeck submitted comments in advance of the meeting. He has legal, technical, and social justice concerns about the recharge projects. He is generally disappointed with a number of the projects which are moving forward.

Kamie noted that activities can be described broadly in the grant and made more specific in the deliverable. So some of the concerns Jim shared might be clarified and resolved when the SHAC develops the specific scope of work. Jim would like to see Inter-basin Coordination funded.

Break

The group adjourned for a ten-minute break and paused the recording. When the group reconvened at 10:40, the recording resumed.

Continued Discussion

Chris Madden asked whether the SHAC may reduce the budget of a particular project. Christina replied that they may make a motion to do that.

Samantha asked for additional details about the number of wells included in the domestic well mitigation program. Eddy Teasdale shared information. Samantha asked how many acres are included in the pilot project for extended orchard replacement. Jeff Davids replied that the answer depends on the results of the first phase of the project. Some of the money in the budget is for those incentives.

Greg expressed interest in grading the projects based on DWR's criteria to ensure the top-ranked projects the SHAC puts forward meet the minimum qualifications. Joanne agreed and expanded on her desire to select projects that provide the most benefit. They want good, high-quality recharge projects.

Samantha opened the floor for public comments. None were received.

Vina Stakeholder Advisory Committee (SHAC)

October 26, 2022

Summary of Discussion on Item 4

Ranking Exercise

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

The initial rank totals from the SHAC exercise are as follows:

Working Rank	Project #	Project	Working Rank Total
	A.	Grant Agreement Administration	
1	2	Data Management System	36
2	5	Monitoring Network Enhancements	36
3	1	GSP Implementation, Outreach, and Compliance Activities	44
4	7	Project and Management Action Implementation	46
5	3	Community Monitoring: Domestic Well Survey	47
6	6	Inter-basin Coordination Activities	53
7	4	Interconnected Surface Water (ISW)/Associated Impacts on Groundwater Dependent Ecosystems	56
8	10	Extend Orchard Replacement	59
9	16	Lindo Channel Surface Water Recharge Implementation	64
10	8	Agricultural Surface Water Supplies	65
11	11	Domestic Well Mitigation	67
12	9	Agricultural Irrigation Efficiency	70
13	13	Expansion of Water Purveyors' Service Area	74
14	14	Sand Creek Flood MAR/Ag MAR Project Phase 2	74
15	12	Well Permitting Ordinance	80
16	15	Groundwater Recharge Feasibility Analysis and Site Evaluation	89

The components which tied for first can be combined. Christina suggested combining Projects 1 and 4 (GSP Implementation, Outreach, and Compliance with Interconnected Surface Water/Associated Impacts on GDEs). Samantha noted that combining Project 4, which ranked 7th, would effectively sacrifice the projects which ranked in between (Projects 7, 3, and 6).

Chris Madden clarified with staff that DWR prefers to receive projects bundled together that tell a cohesive story. By combining projects, some of the total budgets will be reduced because there are similar tasks across projects.

The group clarified that under the previous round, DWR granted reduced funding to some projects.

Anne asked if the top ranked projects provide benefits to disadvantaged communities. Lisa confirmed they do.

Tovey expressed concern that combining projects could mean that some of the projects that were ranked higher get bypassed in the event that DWR doesn't award funding to all. He also expressed concern that DWR might award more money to implementation projects over administrative activities. GSA staff said there has been no indication that this would be the case.

Joe Turner, online, commented that the GSP used a proxy value to set the interconnected surface water SMC, so the GSA should commitment to filling the gap.

Vina Stakeholder Advisory Committee (SHAC)

October 26, 2022

Summary of Discussion on Item 4

Jim Brobeck moved that the SHAC accept the rank as combined by staff which is as follows:

Final Rank	Project #	Project	Working Rank Totals	Approximate Cost
	A.	Grant Agreement Administration		
1	2, 5, 3	Data Management System, Monitoring Network Enhancements	36/36/47	2,018,750
2	1, 4	GSP Implementation, Outreach, and Compliance Activities, Interconnected Surface Water (ISW)/Associated Impacts on Groundwater Dependent Ecosystems	44/56	1,110,000
3	7,6	Project and Management Action Implementation, Inter-basin Coordination Activities	46/53	1,150,000
4	10	Extend Orchard Replacement	59	1,500,000
5	16	Lindo Channel Surface Water Recharge Implementation	64	1,100,000
6	8	Agricultural Surface Water Supplies	65	4,500,000
7	11	Domestic Well Mitigation	67	675,000
8	9	Agricultural Irrigation Efficiency	70	1,000,000
9	13	Expansion of Water Purveyors' Service Area	74	145,000
10	14	Sand Creek Flood MAR/Ag MAR Project Phase 2	74	2,500,000
11	12	Well Permitting Ordinance	80	137,500
12	15	Groundwater Recharge Feasibility Analysis and Site Evaluation	89	2,670,000
		Total		18,906,250

Joanne Parsley and Anne Dawson both seconded the motion. The motion passed unanimously and the SHAC recommends the following projects for inclusion in the SGM grant application in order of highest to lowest priority:

- A. Grant Administration
 1. Combined projects 2, 5, and 3: Data Management System, Monitoring Network Enhancements, and Community Monitoring: Domestic Well Survey.
 2. Combined projects 1 and 4: GSP Implementation, Outreach, and Compliance Activities, Interconnected Surface Water (ISW)/ Associated Impacts on Groundwater Dependent Ecosystems
 3. Combined projects 7 and 6: Project and Management Action Implementation and Inter-basin Coordination Activities
 4. Extend Orchard Replacement
 5. Lindo Channel Surface Water Recharge Implementation
 6. Agricultural Surface Water Supplies
 7. Domestic Well Mitigation
 8. Agricultural Irrigation Efficiency

Vina Stakeholder Advisory Committee (SHAC)

October 26, 2022

Summary of Discussion on Item 4

9. Expansion of Water Purveyors' Service Area
10. Sand Creek Flood MAR/Ag MAR Project Phase 2
11. Well Permitting Ordinance
12. Groundwater Recharge Feasibility Analysis and Site Evaluation

Attachment C: Detailed SHAC Recommendation Package of Components

Tasks combined consistent with SHAC Recommendation. Additional refinements to budgets have been made.

Ranking	Tasks	Component/Tasks	Estimated Cost
1	A.	Grant Agreement Administration	400,000
2	LSCE 5	Monitoring Network Enhancements	
	1	Installation and Additional Monitoring Wells and Stream Gauges	1,300,000
	2	Mapping the GDE (in space and changes over time) utilizing CSU Chico Staff	50,000
	3	Database of Domestic Wells in the Subbasin ¹	330,000
	4	Update and Maintain Data Management System	250,000
	5	Engagement/Outreach	30,000
	6	Interbasin Coordination	20,000
		TOTAL	1,980,000
3	MA 1	GSP Implementation, Outreach, and Compliance Activities	
	1	Annual Report Development, for WY 2022, 2023, 2024, 2025	160,000
	2	GSP Updates and Response to DWR Comments	100,000
	3	Develop and Implement an Approach to Set ISW SMC	450,000
	4	5-year Evaluation Report	300,000
	5	Outreach and Education Program	100,000
		TOTAL	1,110,000
4	Butte 1	Project and Management Action Implementation	
	1	Fee Study for Long term Financing of the Vina GSA	100,000
	2	Legal Implications of Recharge Analysis	200,000
	3	BBGM Update and Re-Calibration	200,000
	4	Analysis of Water Management Action Implementation Options	200,000
	5	Inter-basin Coordination Activities	400,000
		TOTAL	1,100,000
5	DE 3	Extend Orchard Replacement	
	1	Component administration and management	50,000
	2	Develop extend orchard replacement pilot program	150,000
	3	Implement extend orchard replacement pilot program	1,200,000
	4	Stakeholder engagement, education, and outreach	100,000
		TOTAL	1,500,000
6	MA 4	Lindo Channel Surface Water Recharge Implementation	
	1	Refine Scope and Design Project	300,000
	2	Implementation Activities	800,000
		TOTAL	1,100,000
7	DE 2	Agricultural Surface Water Supplies	
	1	Component administration and management	250,000
	2	Develop projects and perform initial screening	750,000
	3	Perform and document five project feasibility analyses	3,000,000
	4	Stakeholder engagement, education, and outreach	500,000
		TOTAL	4,500,000
8	LSCE 2	Domestic Well Mitigation	
	1	Create Voluntary Well Registration	10,000
	2	Establish County Well Mitigation Prioritization Process	95,000
	3	Develop Well Mitigation Funding Strategy	10,000
	4	Implement High Priority Well Mitigation Projects	550,000
	5	Engagement/Outreach	10,000
		TOTAL	675,000
9	DE 1	Agricultural Irrigation Efficiency	
	1	Component administration and management	100,000
	2	Develop precision irrigation piloting program	150,000
	3	Implement precision irrigation pilot program	500,000
	4	Analyze results of precision irrigation pilot program	150,000
	5	Stakeholder engagement, education, and outreach	100,000
		TOTAL	1,000,000

10	LSCE 4	Expansion of Water Purveyors' Service Area	
	1	<i>Prepare Final Implementation Plan</i>	130,000
	2	<i>Engagement/Outreach</i>	15,000
		TOTAL	145,000
11	RCRD 1	Sand Creek Flood MAR/Ag MAR Project Phase 2	
	1	<i>Component Administration</i>	40,000
	2	<i>Environmental Documentation</i>	50,000
	3	<i>Design Plans and Specifications, Permitting, Environmental</i>	275,000
	4	<i>Construction/Implementation Activities</i>	2,075,000
	5	<i>Monitoring/Assessment</i>	40,000
	6	<i>Engagement/Outreach</i>	20,000
		TOTAL	2,500,000
12	LSCE 3	Well Permitting Ordinance	
	1	<i>Prepare Final Ordinance and Adopt</i>	112,500
	2	<i>Engagement/Outreach</i>	25,000
		TOTAL	137,500
13	Geosyntec 1	Groundwater Recharge Feasibility Analysis and Site Evaluation	
	1	<i>Grant Administration</i>	90,000
	2	<i>Feasibility Analysis and Project Identification</i>	100,000
	3	<i>Groundwater Recharge Investigation and Preliminary Design and Environmental</i>	400,000
	4	<i>Final Design</i>	150,000
	5	<i>Construction/Implementation Activities</i>	1,850,000
	6	<i>Public Outreach and Education Program</i>	80,000
		TOTAL	2,670,000
		TOTAL	18,817,500

¹ Previously called "Community Monitoring- Domestic Well Survey"

Red text shows projects that were incorporated as a task

Attachment C: Detailed Alternative Package of Components

Red text highlights areas of notable change

Ranking	Tasks	Component/Tasks	Estimated Cost
1	A.	Grant Agreement Administration	400,000
2	LSCE 5	Monitoring Network Enhancements to Address Data Gaps	
	1	Installation and Additional Monitoring Wells and Stream Gauges	1,300,000
	2	Mapping the GDE (in space and changes over time) utilizing CSU Chico Staff	50,000
	3	Database of Domestic Wells in the Subbasin ¹	330,000
	4	Domestic Well Mitigation Approach	100,000
	5	Update and Maintain Data Management System	250,000
	6	Engagement/Outreach	30,000
	7	Interbasin Coordination	20,000
		TOTAL	2,080,000
3	MA 1	GSP Implementation, Outreach, and Compliance Activities	
	1	Annual Report Development, for WY 2022, 2023, 2024, 2025	160,000
	2	GSP Updates and Response to DWR Comments	100,000
	3	Develop and Implement an Approach to Set ISW SMC	450,000
	4	5-year Evaluation Report	300,000
	5	Outreach and Education Program	100,000
		TOTAL	1,110,000
4	Butte 1	Project and Management Action Implementation	
	1	Fee Study for Long term Financing of the Vina GSA	100,000
	2	Legal Implications of Recharge Analysis	200,000
	3	BBGM Update and Re-Calibration	200,000
	4	Analysis of Water Management Action Implementation Options	200,000
	5	Inter-basin Coordination Activities	400,000
		TOTAL	1,100,000
5	MA 4	Lindo Channel Surface Water Recharge Implementation	
	1	Refine Scope and Design Project	300,000
	2	Implementation Activities	800,000
		TOTAL	1,100,000
6		Agricultural Best Management Practices for Water Use Efficiency and Alternative Supply	
	1	Component administration and management	200,000
	2	Agricultural Irrigation Efficiency	250,000
	3	Feasibility Study of Extend Orchard Replacement Program	250,000
	4	Agricultural Surface Water Supplies Evaluation and Preliminary Design	2,500,000
	5	Stakeholder engagement, education, and outreach	250,000
		TOTAL	3,450,000
7	RCRD 1	Sand Creek Flood MAR/Ag MAR Project Phase 2	
	1	Component Administration	40,000
	2	Environmental Documentation	50,000
	3	Design Plans and Specifications, Permitting, Environmental	275,000
	4	Construction/Implementation Activities	2,075,000
	5	Monitoring/Assessment	40,000
	6	Engagement/Outreach	20,000
		TOTAL	2,500,000
8	Geosyntec 1	Groundwater Recharge Feasibility Analysis and Site Evaluation	
	1	Grant Administration	90,000
	2	Feasibility Analysis and Project Identification	100,000
	3	Groundwater Recharge Investigation and Preliminary Design and Environmental	400,000
	4	Final Design	150,000
	5	Construction/Implementation Activities	1,850,000
	6	Public Outreach and Education Program	80,000
		TOTAL	2,670,000
		TOTAL	14,410,000

Pursue other funding or incorporate into a Component above:

1	LSCE 4	Expansion of Water Purveyors' Service Area	
	1	<i>Prepare Final Implementation Plan</i>	130,000
	2	<i>Engagement/Outreach</i>	15,000
		TOTAL	145,000
2	LSCE 3	Well Permitting Ordinance	
	1	<i>Prepare Final Ordinance and Adopt</i>	112,500
	2	<i>Engagement/Outreach</i>	25,000
		TOTAL	137,500

Attachment D: Component Descriptions- Tasks, Deliverables, & Estimated Costs

1. Grant Agreement Administration

\$400,000

Key Deliverables

- Quarterly Progress Reports
- Quarterly Invoices, and all required backup documentation
- Draft and Final Component Completion Reports
- Draft and Final Grant Completion Reports



2. Monitoring Network Enhancements

\$1,980,000

Tasks	Deliverables	Estimated Cost
1 Installation and Additional Monitoring Wells and Stream Gauges	Installation of up to 10 shallow wells; up to 5 multi-completion wells; monitoring equipment in up to 25 private wells monitoring sites; up to 10 stream gauges	1,300,000
2 Mapping the GDE (in space and changes over time) utilizing CSU Chico Staff	Tech Memo summarizing methods and results of refined GDE mapping	50,000
3 Database of Domestic Wells in the Subbasin ¹	Domestic well dataset with construction details; installation of monitoring equipment; create/maintain database; outreach materials/presentations	330,000
4 Update and Maintain Data Management System	Functional DMS; DMS documentation and training materials; outreach activities/materials	250,000
5 Engagement/Outreach	Meeting agendas/presentations/materials	30,000
6 Inter-basin Coordination	Meeting agendas/summaries for coordination with neighboring subbasins	20,000

¹ Previously called "Community Monitoring- Domestic Well Survey"



3. GSP Implementation, Outreach, and Compliance Activities

\$1,110,000

Tasks	Deliverables	Estimated Cost
1 Annual Report Development, for WY 2022, 2023, 2024, 2025	Four Annual Reports	160,000
2 GSP Updates and Response to DWR Comments	Meetings with DWR; Modifications to Vina GSP, as needed	100,000
3 Develop and Implement an Approach to Refine Interconnected Surface Water Sustainable Management Criteria	Tech Memo on evaluation of available data and data filling plan; Inter-basin Coordination and Tech Memo recommending methodology and approaches for the Sac Valley; Modifications to Vina GSP- SMC	450,000
4 5-year Evaluation Report	5-Year Evaluation Report submitted to DWR	300,000
5 Outreach and Education Program	Outreach materials, Updated Communications and Engagement Plan	100,000



4. Project and Management Action Implementation

\$1,100,000

Tasks	Deliverables	Estimated Cost
1 Fee Study for Long term Financing of the Vina GSA	Identified funding mechanism for the Vina GSA	100,000
2 Legal Implications of Recharge Analysis	Recharge Analysis Report; Recharge project review and approval process; Prepare MOU/policy document/ordinance	200,000
3 BBGM Update and Re-Calibration	Updated Model Documentation Report	200,000
4 Analysis of Water Management Action Implementation Options	Presentation materials on modeling results for analyzed scenarios	200,000
5 Inter-basin Coordination Activities	Information sharing template; Final Report from Joint Analysis and GSP Evaluation; Contour maps for Butte/Glenn/Colusa/Tehama county subbasins; Documentation of issue resolution process; Inter-basin coordination agreement	400,000



5. Extend Orchard Replacement

\$1,500,000

Tasks	Deliverables	Estimated Cost
1 Component administration and management	Project management, invoices, and grant reporting	50,000
2 Develop extend orchard replacement pilot program	Tech Memo describing the pilot program (define incentive amounts, potential water savings)	150,000
3 Implement extend orchard replacement pilot program	Tech Memo describing pilot program results (participants, water saved, cost) and recommendations	1,200,000
4 Stakeholder engagement, education, and outreach	Outreach materials such as online videos, podcasts, meeting/workshop agendas	100,000



6. Lindo Channel Surface Water Recharge Implementation

\$1,100,000

Tasks	Deliverables	Estimated Cost
1 Refine Scope and Design Project	Investigation Report (Project feasibility and design)	300,000
2 Implementation Activities	Modified operations, needed infrastructure/dredging (as needed)	800,000



7. Agricultural Surface Water Supplies

\$4,500,000

Tasks	Deliverables	Estimated Cost
1 Component administration and management	Project management, invoices, and grant reporting	250,000
2 Develop projects and perform initial screening	Tech Memo summarizing initial project screening	750,000
3 Perform and document five project feasibility analyses	30% Design for each of five project feasibility analyses; 5 feasibility reports (including cost-benefit analysis)	3,000,000
4 Stakeholder engagement, education, and outreach	Outreach materials (online videos/podcast), Project working group meetings	500,000



8. Domestic Well Mitigation

\$675,000

Tasks	Deliverables	Estimated Cost
1 Create Voluntary Well Registration	Database of voluntary domestic wells and construction information	10,000
2 Establish County Well Mitigation Prioritization Process	Identify dry and high-risk wells; predictive model of where future high-risk wells likely to occur; policy framework of eligible users of mitigation funding support	95,000
3 Develop Well Mitigation Funding Strategy	Tech Memo outlining funding strategy and needs	10,000
4 Implement High Priority Well Mitigation Projects	Mitigate 10 highest-risk/dry wells	550,000
5 Engagement/Outreach	Presentations to Board/public	10,000



9. Agricultural Irrigation Efficiency

\$1,000,000

Tasks	Deliverables	Estimated Cost
1 Component administration and management	Project management, invoices, and grant reporting	100,000
2 Develop precision irrigation piloting program	Tech Memo of Precision Irrigation Pilot Program (includes field-scale ground-based inventory of irrigation methods, crops, and water sources for Vina SB)	150,000
3 Implement precision irrigation pilot program	Remotely sensed ET to Vina agricultural stakeholders to implement precision irrigation	500,000
4 Analyze results of precision irrigation pilot program	Tech Memo (quantify subbasin-wide opportunities for reductions in ET and provide recommendations)	150,000
5 Stakeholder engagement, education, and outreach	Outreach materials (online videos/podcast), outreach events/workshops	100,000



10. Expansion of Water Purveyors' Service Area

\$145,000

Tasks	Deliverables	Estimated Cost
1 Prepare Final Implementation Plan	Identification of areas/customers where purveyor expansion would be most effective; Implementation Plan to be used when funding is available for construction	130,000
2 Engagement/Outreach	Outreach materials, meetings/workshops	15,000



11. Sand Creek Flood MAR/Ag MAR Project Phase 2

\$2,500,000

Tasks	Deliverables	Estimated Cost
1 Component Administration	Project management, invoices, and grant reporting	40,000
2 Environmental Documentation	Applicable CEQA documentation	50,000
3 Design Plans and Specifications, Permitting, Environmental	Applicable permits; Topographic survey; 50% and 100% Design Plans	275,000
4 Construction/Implementation Activities	Bid documents; Photo documentation of construction activities	2,075,000
5 Monitoring/Assessment	Groundwater level data near site; data organized for future post-performance report	40,000
6 Engagement/Outreach	Communication materials	20,000



12. Well Permitting Ordinance

\$137,500

Tasks	Deliverables	Estimated Cost
1 Prepare Final Ordinance and Adopt	Recommendations of policies to update in the ordinance; Analysis to create policy framework; draft new well ordinance for public comment; Final ordinance for adoption	112,500
2 Engagement/Outreach	Outreach materials, meetings/workshops	25,000



13. Groundwater Recharge Feasibility Analysis and Site Evaluation

\$2,670,000

Tasks	Deliverables	Estimated Cost
1 Grant Administration	Project management, invoices, and grant reporting	90,000
2 Feasibility Analysis and Project Identification	Feasibility Report; Project Prioritization List	100,000
3 Groundwater Recharge Investigation and Preliminary Design and Environmental	Groundwater Recharge Investigation Report; Preliminary Design Report; Applicable permits and CEQA documentation	400,000
4 Final Design	Topographic survey; Geotechnical investigation; 50% and 100% Design plans	150,000
5 Construction/Implementation Activities	Bid documents; Project Completion Reports; Photo documentation of construction activities	1,850,000
6 Public Outreach and Education Program	Meeting presentations/handouts	80,000



Alternative Package of Components

The following are new or changed Components compared to the SHAC recommended Components.

Components that are the same in both packages are not repeated.



1. Monitoring Network Enhancements to Address Data Gaps

\$2,080,000

Tasks	Deliverables	Estimated Cost
1 Installation and Additional Monitoring Wells and Stream Gauges	Installation of up to 10 shallow wells; up to 5 multi-completion wells; monitoring equipment in up to 25 private wells monitoring sites; up to 10 stream gauges	1,300,000
2 Mapping the GDE (in space and changes over time) utilizing CSU Chico Staff	Tech Memo summarizing methods and results of refined GDE mapping	50,000
3 Database of Domestic Wells in the Subbasin ¹	Domestic well dataset with construction details; installation of monitoring equipment; create/maintain database; outreach materials/presentations	330,000
4 Domestic Well Mitigation Approach	Final Report (to include identification of dry and high-risk wells; predictive model of where future high-risk wells likely to occur; policy framework of eligible users of mitigation funding support; and funding strategy)	100,000
5 Update and Maintain Data Management System	Functional DMS; DMS documentation and training materials; outreach activities/materials	250,000
6 Engagement/Outreach	Meeting agendas/presentations/materials	30,000
7 Inter-basin Coordination	Meeting agendas/summaries for coordination with neighboring subbasins	20,000

¹ Previously called "Community Monitoring- Domestic Well Survey"

6. Agricultural Best Management Practices for Water Use Efficiency and Alternative Supply

\$3,450,000

	Tasks	Deliverables	Estimated Cost
1	Component administration and management	Project management, invoices, and grant reporting	200,000
2	Agricultural Irrigation Efficiency	Tech Memo of Precision Irrigation Pilot Program (includes field-scale ground-based inventory of irrigation methods, crops, and water sources for Vina SB)	250,000
3	Feasibility Study of Extend Orchard Replacement Program	Tech Memo describing the pilot program (define incentive amounts, potential water savings)	250,000
4	Agricultural Surface Water Supplies Evaluation and Preliminary Design	Tech Memo of initial project screening and project identification; 30% Design for each of 3 project feasibility analyses; 3 feasibility reports (including cost-benefit analysis)	2,500,000
5	Stakeholder engagement, education, and outreach	Outreach materials, meetings/workshops; Project working groups	250,000



Alternative Package- Component Descriptions



Resolution No.

RESOLUTION BY THE VINA GROUNDWATER SUSTAINABILITY AGENCY THAT AN APPLICATION BE MADE TO THE DEPARTMENT OF WATER RESOURCES TO OBTAIN A GRANT UNDER THE 2021 SUSTAINABLE GROUNDWATER MANAGEMENT GRANT PROGRAM SGMA IMPLEMENTATION GRANT.

WHEREAS, the Vina Groundwater Sustainability Agency (“Vina GSA”) is a GSA in the Vina Groundwater Subbasin (“Vina Subbasin”); and

WHEREAS, there are three Member Agencies that comprise the Vina GSA - City of Chico, Durham Irrigation District, and County of Butte; and

WHEREAS, there are two GSAs in the Vina Subbasin - Vina GSA and Rock Creek Reclamation District GSA (“RCRD GSA”); and

WHEREAS, the two GSAs have adopted one Groundwater Sustainability Plan for the subbasin pursuant to the Sustainable Groundwater Management Act (“SGMA”) and pursuant to a Joint Powers Agreement agreed to and executed by the Vina GSA Member Agencies; and

WHEREAS, the Vina GSA is preparing an application to the California Department of Water Resources (“DWR”) to obtain a grant under the Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Pub. Resources Code, § 80000, et seq.) and the Budget Acts of 2021 and 2022; and

WHEREAS, DWR will accept one application per subbasin during the SGM Grant Program’s SGMA Implementation Round 2; and

WHEREAS, the Vina GSA desires to work cooperatively with the RCRD GSA in the submission of one application to DWR and in developing and undertaking projects and other activities pursuant to the Vina Subbasin’s application to DWR; and

WHEREAS, it is the intention of the Vina GSA to submit one grant application on behalf of the entire Vina Subbasin for the SGM Grant Program SGMA Implementation Grant Round 2 solicitation; and

WHEREAS, the Vina GSA is preparing an application that includes proposed projects submitted by the GSA’s Member Agencies, RCRD GSA and other eligible entities consistent with the Vina Subbasin Groundwater Sustainability Plan for the SGM Grant Program’s SGMA Implementation Grant Round 2; and

WHEREAS, the Vina GSA’s application includes projects that are of interest and of benefit to the Vina Subbasin; and

WHEREAS, the SGM Grant Program SGMA Implementation Grant Proposal Solicitation Package requires that the Vina GSA, as the entity acting as the applicant, must adopt a resolution that designates an authorized representative to submit the application and execute an agreement with the State of California for the SGMA Implementation Grant application.

NOW, THEREFORE BE IT RESOLVED by the Vina GSA, that an application be made to the Department of Water Resources to obtain a grant under the 2021 Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Pub. Resources Code, § 80000, et seq.) and the Budget Acts of 2021 and 2022.

BE IT FURTHER RESOLVED that the Vina GSA has the authority and shall enter into a funding agreement with the Department of Water Resources to receive a grant for the: Vina Subbasin GSP Projects and Management Actions Implementation – Round 2 Grant Application.

BE IT FURTHER RESOLVED that the Butte County Director of Water and Resource Conservation, administrator of the Vina GSA, or designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, execute a funding agreement and any future amendments thereto, submit invoices, and submit any reporting requirements with the Department of Water Resources.

PASSED AND ADOPTED by the Vina Board of Directors, the governing body for the Vina GSA this 9th day of November 2022, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Evan Tuchinsky, Chair
Vina GSA Board of Directors

CERTIFICATION

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Vina GSA held on the 9th day of November, 2022.

ATTEST:

By: _____
Kamie Loeser, Administrator, Vina GSA

RESOLUTION NO. 2022-09

A RESOLUTION OF THE BOARD OF DIRECTORS OF ROCK CREEK RECLAMATION DISTRICT IN SUPPORT OF THE VINA GSA'S APPLICATION FOR A SUSTAINABLE GROUNDWATER MANAGEMENT GRANT

WHEREAS, Rock Creek Reclamation District ("District") is a Groundwater Sustainability Agency ("GSA") in the Vina Subbasin; and

WHEREAS, the two GSAs in the Vina Subbasin have adopted one Groundwater Sustainability Plan for the subbasin pursuant to the Sustainable Groundwater Management Act ("SGMA") and pursuant to a Cooperation Agreement agreed to and executed by the Vina Subbasin GSAs; and

WHEREAS, the Vina Groundwater Sustainability Agency ("Vina GSA") is a GSA in the Vina Subbasin; and

WHEREAS, the Vina GSA is preparing an application to the California Department of Water Resources ("DWR") to obtain a grant under the Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Pub. Resources Code, § 80000, et seq.) and the Budget Acts of 2021 and 2022; and

WHEREAS, DWR will accept one application per subbasin during the SGM Grant Program's SGMA Implementation Round 2; and

WHEREAS, it is the intention of the District that one grant application be submitted on behalf of the entire Vina Subbasin for the Round 2 Solicitation; and

WHEREAS, the District desires to work cooperatively with the Vina GSA in the submission of an application to DWR and in developing and undertaking projects and other activities pursuant to the Vina GSA's application to DWR; and

WHEREAS, the Vina GSA's application includes consideration of the potential projects of interest and of benefit to the District.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Rock Creek Reclamation District that the District supports the Vina GSA's application to DWR to obtain a grant under the SGM Grant Program SGMA Implementation Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Pub. Resources Code, § 80000, et seq.) and the Budget Acts of 2021 and 2022.

BE IT FURTHER RESOLVED that the District acknowledges that the Vina GSA has the authority and shall enter into a funding agreement with DWR to receive a grant benefitting one or more SGMA projects in the Vina Subbasin, including District's potential projects.

BE IT FURTHER RESOLVED that the District acknowledges that the Director of Water and Resource Conservation of the County of Butte, or designee, is authorized to administer the SGM Grant Project on District's behalf and for its benefit, including preparing the necessary data,

conducting investigations, filing such application, executing a funding agreement and any future amendments thereto, submitting invoices, and any reporting requirements with DWR.

PASSED AND ADOPTED this 9th day of November, 2022 at Chico, California, the following Directors voting thereon:

Ayes:

Noes:

Abstain:

Absent:

BY _____

Hal Crain, Chair of the Board

ATTEST: _____

Joanne Parsley, Secretary to the Board

**Butte County Public Health Department
Environmental Health Division**

Well Permit Summary

Quarter 4 (July 1, 2022 – September 30, 2022) of Water Year 2022

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Definitions

Permits Issued – Number of new water well permits issued as new construction. This excludes repairs, destructions, abandonments.

Permits Finaled – Number of water well permits that have been finaled (i.e. final construction completed and well is operational). This excludes repairs, destructions, abandonments.

Small Diameter Wells - A well with an eight-inch or smaller diameter well casing.

Large Diameter Wells - A well with larger than eight-inch diameter well casing.

Repair – Well repair; this includes but is not limited to casing replacement, re-lining or perforation.

Deepening – Well deepening; increasing the depth of an existing well.

Well Destruction – Well is destroyed (sealed off) by an approved method.

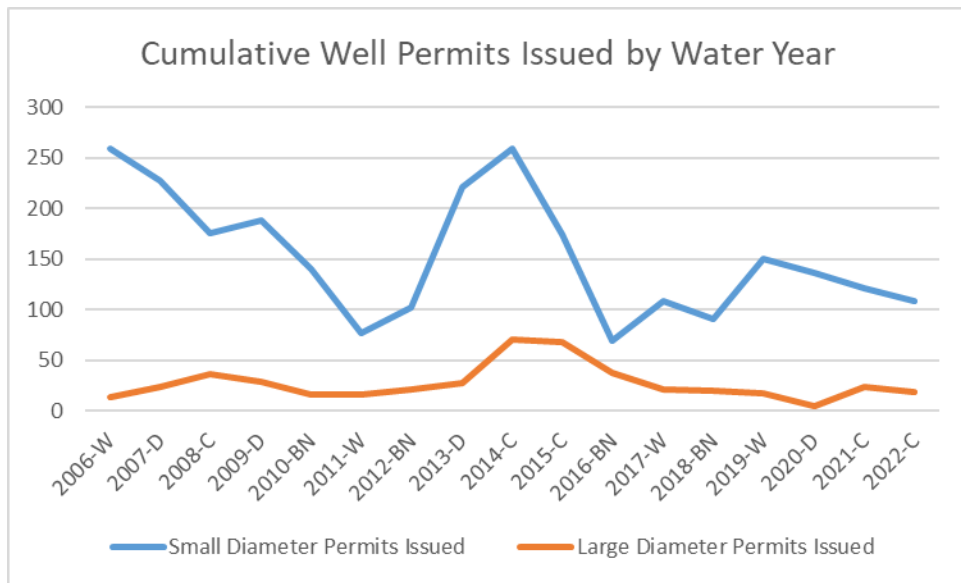
Dry Well – Well that is no longer producing water or has reduced production to a point where it can no longer sustain a residence (< 1 gpm).

Water Year - A water year is a 12-month period that extends from October 1st to September 30th. Water year can be classified into Wet (W), Above Normal (AN), Below Normal (BN), Dry (D) or Critical (C).

Executive Order N-7-22 – Effective March 28, 2022 and impacting permits that have not been issued to date. Implements increased drought response and established requirements for water well permit reviews to include Groundwater Sustainability Agencies (GSAs) and ground water impact considerations prior to permit issuance.

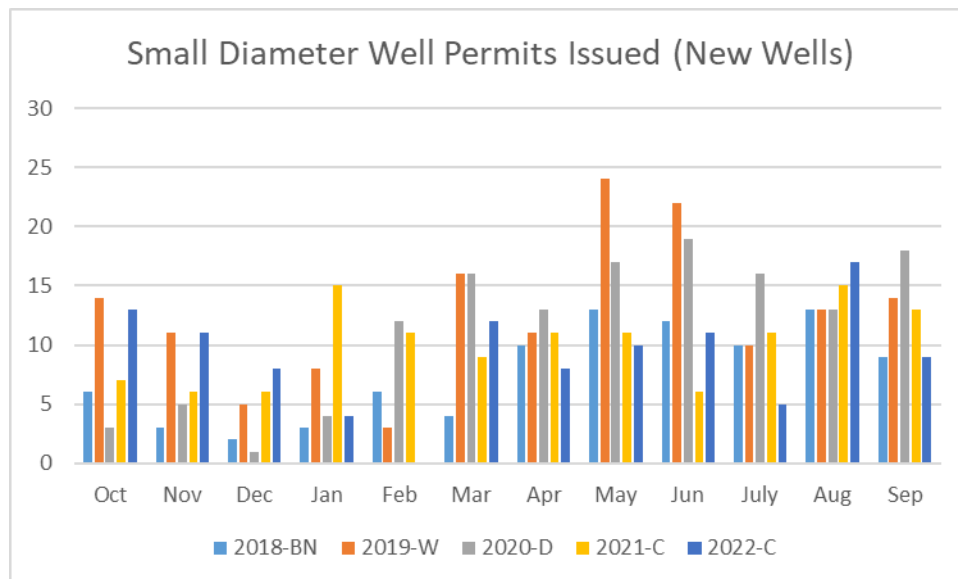
Cumulative Well Permit Data

Cumulative (WY) Well Permits Issued		
Water Year	Small Diameter Permits Issued	Large Diameter Permits Issued
2006-W	260	14
2007-D	228	24
2008-C	176	36
2009-D	188	29
2010-BN	140	16
2011-W	77	16
2012-BN	102	21
2013-D	221	28
2014-C	259	71
2015-C	175	68
2016-BN	69	38
2017-W	109	21
2018-BN	91	20
2019-W	151	18
2020-D	137	5
2021-C	121	24
2022-C	108	19



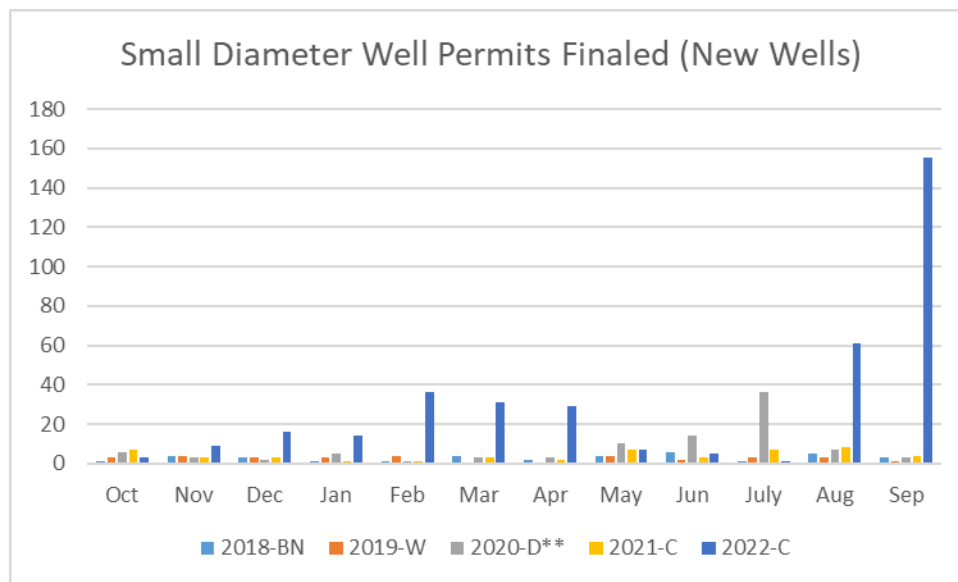
Small Diameter Well Permit Data - Issued

Water Year	Small Diameter Well Permits Issued (New Wells)												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	
2006-W	34	13	18	17	21	21	16	19	36	19	26	20	260
2007-D	24	14	8	16	14	20	28	19	25	20	22	18	228
2008-C	16	15	10	8	7	15	19	17	15	20	22	12	176
2009-D	17	10	8	13	10	11	21	17	23	23	20	15	188
2010-BN	9	9	8	2	4	14	22	10	22	18	14	8	140
2011-W	7	2	1	2	4	6	4	14	16	5	11	5	77
2012-BN	8	2	4	10	8	6	11	18	9	16	6	4	102
2013-D	9	10	2	11	22	27	35	36	19	17	24	9	221
2014-C	9	10	10	24	14	20	33	32	34	31	23	19	259
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Total
2015-C	18	7	6	15	11	22	27	15	13	18	17	6	175
2016-BN	4	5	7	6	8	17	9	12	16	14	12	3	113
2017-W	7	7	5	2	8	19	19	17	17	5	2	1	109
2018-BN	6	3	2	3	6	4	10	13	12	10	13	9	91
2019-W	14	11	5	8	3	16	11	24	22	10	13	14	151
2020-D	3	5	1	4	12	16	13	17	19	16	13	18	137
2021-C	7	6	6	15	11	9	11	11	6	11	15	13	121
2022-C	13	11	8	4	0	12	8	10	11	5	17	9	108



Small Diameter Well Permit Data - Finaled

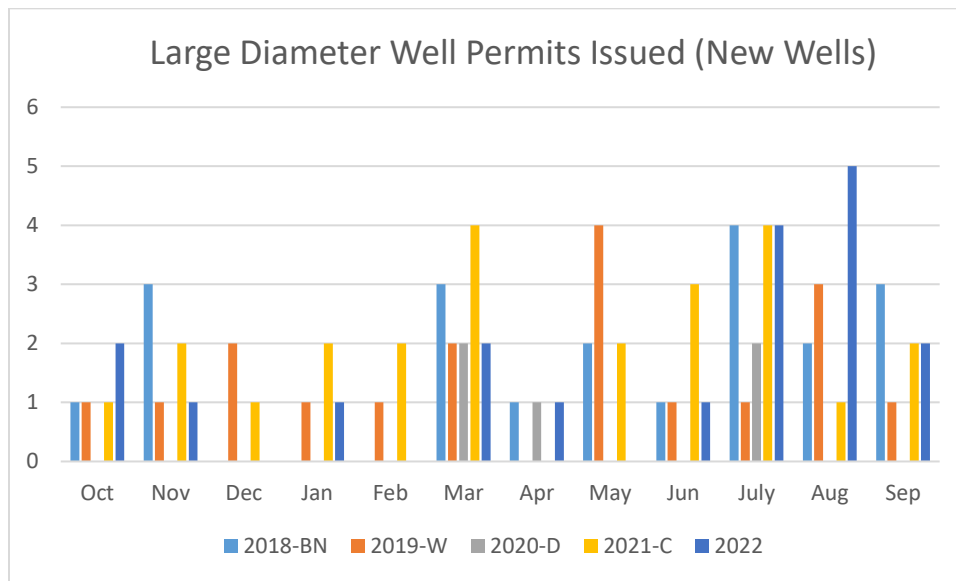
Water Year	Small Diameter Well Permits Finaled (New Wells)												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	
2016-BN	7	4	3	4	3	1	1	4	5	1	3	0	36
2017-W	3	2	2	3	3	3	3	1	1	0	5	0	24
2018-BN	1	4	3	1	1	4	2	4	6	1	5	3	35
2019-W	3	4	3	3	4	0	0	4	2	3	3	1	30
2020-D**	6	3	2	5	1	3	3	10	14	36	7	3	93
2021-C	7	3	3	1	1	3	2	7	3	7	8	4	49
2022-C	3	9	16	14	36	31	29	7	5	1	61	155	367



**Water Year 2020 and forward - Implemented improvements to the well permit process and working on backlog status updates.

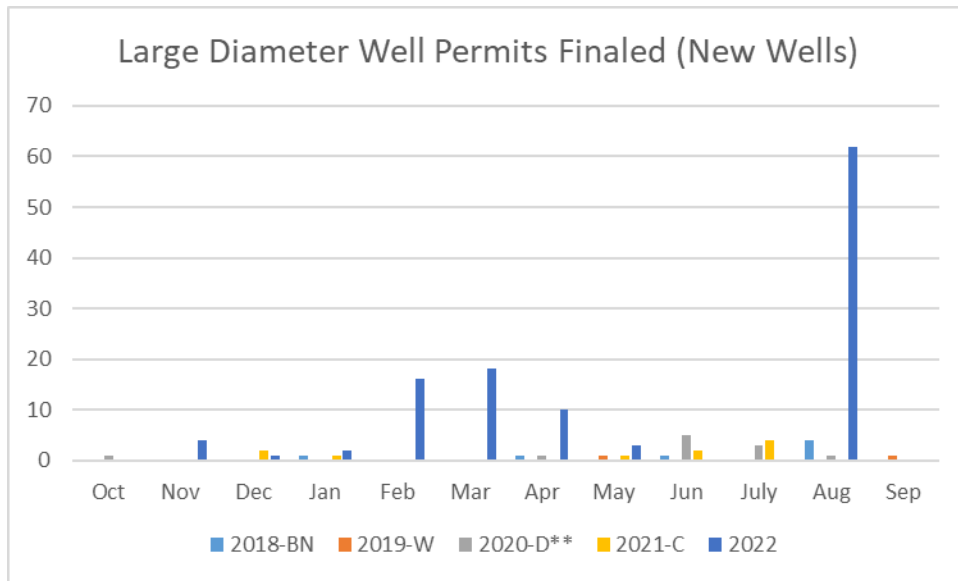
Large Diameter Well Permit Data - Issued

Water Year	Large Diameter Well Permits Issued (New Wells)												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	
2006-W	2	1	0	4	0	4	1	1	0	1	0	0	14
2007-D	2	1	0	4	5	0	5	0	5	1	0	1	24
2008-C	2	1	6	1	3	0	2	2	15	3	0	1	36
2009-D	2	1	2	6	6	2	0	0	4	2	0	4	29
2010-BN	3	3	1	2	0	1	2	2	1	1	0	0	16
2011-W	3	1	0	3	3	0	0	2	1	2	1	0	16
2012-BN	1	1	1	2	0	0	1	1	0	4	8	2	21
2013-D	1	0	1	1	2	2	2	6	1	0	8	4	28
2014-C	2	0	3	15	12	10	5	2	5	6	6	5	71
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Total
2015-C	5	7	4	1	4	7	6	1	5	14	11	3	68
2016-BN	5	5	5	5	4	2	2	3	1	1	2	3	38
2017-W	1	0	1	2	2	3	3	2	2	0	5	0	21
2018-BN	1	3	0	0	0	3	1	2	1	4	2	3	20
2019-W	1	1	2	1	1	2	0	4	1	1	3	1	18
2020-D	0	0	0	0	0	2	1	0	0	2	0	0	5
2021-C	1	2	1	2	2	4	0	2	3	4	1	2	24
2022	2	1	0	1	0	2	1	0	1	4	5	2	19



Large Diameter Well Permit Data – Finaled

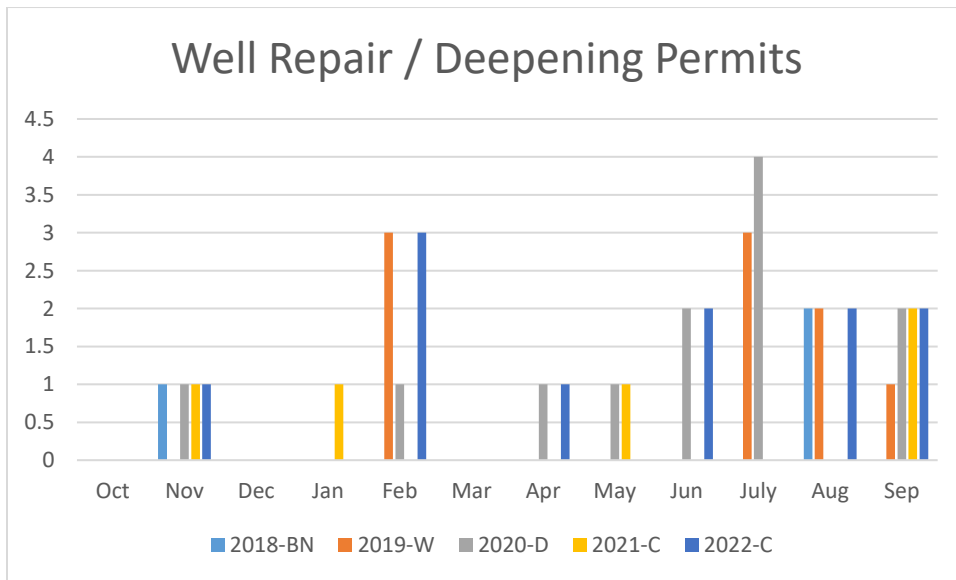
Water Year	Large Diameter Well Permits Finaled (New Wells)													Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep		
2016-BN	2	0	0	0	0	0	0	0	0	1	0	0	0	3
2017-W	0	0	0	0	0	0	0	0	0	2	0	0	0	2
2018-BN	0	0	0	1	0	0	1	0	1	0	4	0	0	7
2019-W	0	0	0	0	0	0	0	0	1	0	0	0	1	2
2020-D**	1	0	0	0	0	0	0	1	0	5	3	1	0	11
2021-C	0	0	2	1	0	0	0	1	2	4	0	0	0	10
2022	0	4	1	2	16	18	10	3	0	0	62	0	0	116



**Water Year 2020 and forward - Implemented improvements to the well permit process and working on backlog status updates.

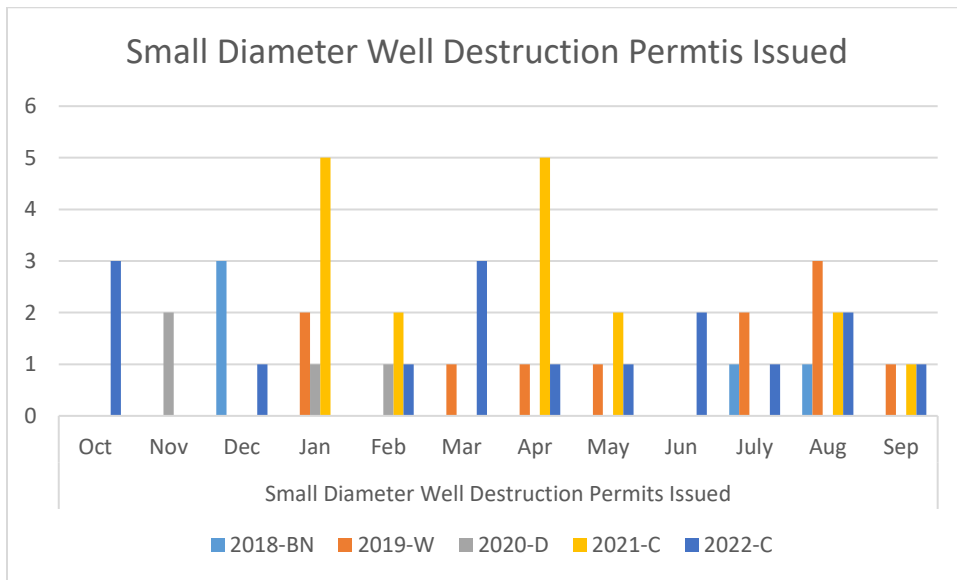
Well Repair and Deepening Data

Water Year	Well Repair/Deepening Permits Issued												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	
2006-W	0	0	0	0	0	0	0	0	3	1	0	0	4
2007-D	0	0	0	0	1	0	0	1	0	2	2	3	9
2008-C	3	2	1	1	1	0	1	0	0	3	3	0	15
2009-D	0	1	2	2	3	0	1	2	1	4	1	3	20
2010-BN	0	1	0	0	0	3	0	3	1	1	1	0	10
2011-W	2	0	0	0	0	0	0	0	2	1	4	0	9
2012-BN	1	0	0	0	0	0	1	1	2	0	1	1	7
2013-D	0	0	1	0	2	0	0	2	0	2	0	3	10
2014-C	2	0	1	8	0	2	1	0	2	0	1	0	17
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Total
2015-C	1	0	1	0	1	3	2	1	1	3	4	2	19
2016-BN	2	1	0	0	0	0	0	0	0	1	4	1	4
2017-W	0	1	0	0	0	0	0	0	0	0	1	0	2
2018-BN	0	1	0	0	0	0	0	0	0	0	2	0	3
2019-W	0	0	0	0	3	0	0	0	0	3	2	1	9
2020-D	0	1	0	0	1	0	1	1	2	4	0	2	12
2021-C	0	1	0	1	0	0	0	1	0	0	0	2	5
2022-C	0	1	0	0	3	0	1	0	2	0	2	2	11



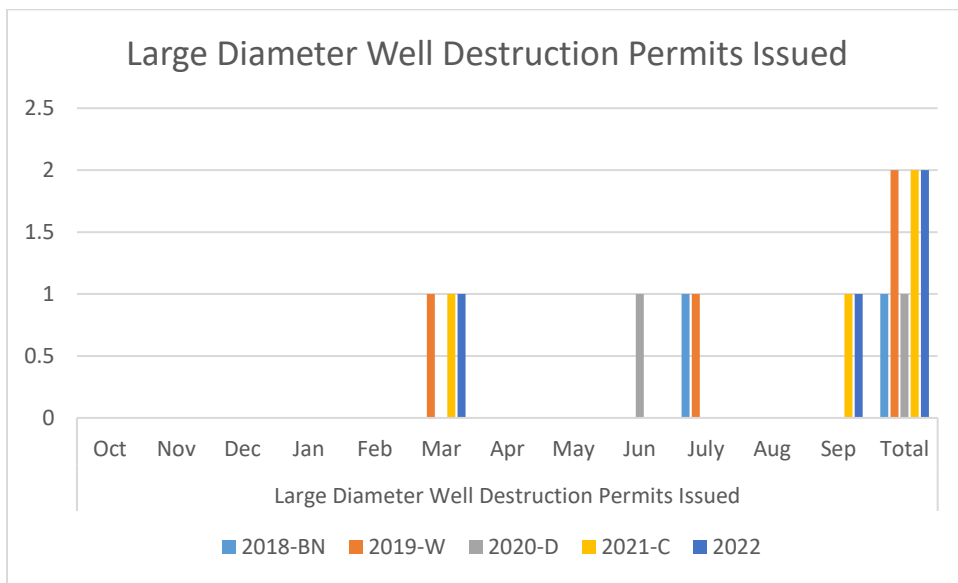
Well Destruction Data – Small Diameter Wells

Water Year	Small Diameter Well Destruction Permits Issued												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Total
2017-W	0	2	0	0	0	0	1	0	0	4	1	0	8
2018-BN	0	0	3	0	0	0	0	0	0	1	1	0	5
2019-W	0	0	0	2	0	1	1	1	1	0	2	3	11
2020-D	0	2	0	1	1	0	0	0	0	0	0	0	4
2021-C	0	0	0	5	2	0	5	2	0	0	0	2	17
2022-C	3	0	1	0	1	3	1	1	1	2	1	2	16



Well Destruction Data – Large Diameter Wells

Water Year	Large Diameter Well Destruction Permits Issued												Total
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	
2017-W	1	1	0	0	0	1	0	0	0	0	1	0	4
2018-BN	0	0	0	0	0	0	0	0	0	0	1	0	1
2019-W	0	0	0	0	0	1	0	0	0	1	0	0	2
2020-D	0	0	0	0	0	0	0	0	1	0	0	0	1
2021-C	0	0	0	0	0	1	0	0	0	0	0	1	2
2022	0	0	0	0	0	1	0	0	0	0	0	1	2



Dry Well Data

Water Year	Dry Small Diameter Wells												Total	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep		
2021-C												11	7	18
2022-C	1	0	1	0	1	0	0	0	0	2	3	4	2	14

Dry well data started being collected August 2021.

Water Year	Dry Large Diameter Wells												Total	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep		
2021-C												1	0	1
2022-C	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Dry well data started being collected August 2021.

Cumulative Dry Wells by Water Year		
Water Year	Small Diameter Dry Wells	Large Diameter Dry Wells
2021-C	18	1
2022-C	14	0

Cumulative Dry Wells By City	
Chico	18
Durham	8
Cohasset	2
Berry Creek	1
Oroville	1
Bangor	1
Forrest Ra	2

Known Depth of Dry Wells		
Chico	Oroville	Forest Ranch
80 feet	95 feet	520 feet
172 feet		
84 feet		
105 feet		
75 feet		
136 feet		

Executive Order N-7-22 Data

Cumulative Number of Wells Under Executive Oder N-7-22			
By Subbasin	Small Diameter	Large Diameter	Totals
BUTTE	0	18	18
VINA	1	5	6
WYANDOTTE	1	7	8
			32
By GSA	Small Diameter	Large Diameter	Totals
Biggs-West Gridley Water District	0	5	5
Butte County	0	4	4
Butte Water District	0	4	4
Richvale Irrigation District	0	1	1
Reclamation District No. 2106	0	2	2
Rock Creek Reclamation District	0	1	1
Vina	1	5	6
Western Canal	0	1	1
Wyandotte Creek	1	7	8
			32