

**Northern Sacramento Valley Integrated Regional Water Management
Special Board Meeting**

**Monday, May 1, 2023
9:00-11:00 a.m.**

**Location: Willows City Hall
201 N. Lassen Street, Willows, CA, 95988**

**Alternate Location:
1855 Placer Street, Redding, CA 96001**

Public Participation Remote Access Option:

Microsoft Teams meeting

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 299 823 230 08

Passcode: 5jcwAG

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 323-676-6164,,138288190#](#) United States, Los Angeles

Phone Conference ID: 138 288 190#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

Agenda

1. Open meeting/roll call/introductions – (Mat Conant, Vice Chair)
2. Election of Chair, Vice Chair, and Joint Executive Committee Member
3. Presentation on the Dunnigan Area Recharge Project (Bill Vanderwaal, Dunnigan Water District)
4. *Approve meeting minutes
 - a. October 3, 2022 NSV IRWM Board meeting minutes
 - b. November 7, 2022 NSV IRWM Special Board meeting minutes
5. Technical Advisory Committee Update (Guadalupe Rivera, TAC Vice Chair)
 - a. Report on TAC meetings, including Joint Board/TAC Executive Committee (JEC) meetings
6. Presentation on Spring 2023 Groundwater Conditions (Michelle Dooley, Department of Water Resources, Northern Region Office)

7. *Receive update on Proposition 1, IRWM Implementation Round 2 grant application (Christina Buck, Guadalupe Rivera)
8. *Round Table of Regions (Charleen Beard)
 - a. Update on activities and transition plan
 - b. Provide initial direction on NSV IRWM preferences
9. Drought and SGMA updates and discussion
 - a. TAC County representative reports regarding drought response and SGMA implementation:
 - i. Butte (Christina Buck, TAC Representative)
 - ii. Colusa (Steve Geiger, TAC Representative)
 - iii. Glenn (Lisa Hunter, TAC Representative)
 - iv. Shasta (Charleen Beard, TAC Representative)
 - v. Sutter (Guadalupe Rivera, TAC Representative)
 - vi. Tehama (Justin Jenson, TAC Representative)
 - vii. Tribal (Patrick Spielman, Tribal TAC Representative)
10. DWR Update
11. Board member comments and updates – (All)
 - a. General comments and updates
 - b. Suggested future agenda items
 - c. Suggested future presentations/speakers
 - i. Critically overdrafted groundwater basins speaker
 - ii. Forecast Informed Reservoir Operations (FIRO)
 - d. Upcoming meeting reminders
12. Public wishing to address the NSV Board on items not listed on the agenda. (The NSV Board is prohibited by State law from taking action on any item presented if it is not listed on the agenda). Comments will be limited to three minutes per person.
13. Correspondence
14. Next Meetings:
Next NSV IRWM TAC Meeting: June 21, 2023 at 9:00 a.m.
Next NSV Board Meeting: August 7, 2023 at 9:00 a.m.
15. Adjourn

* Indicates attachment included in the meeting packet.

Public Comments: The public comment period is a time set aside for members of the public to address the Board on matters not included on the Regular Agenda. Each speaker is limited to three (3) minutes to speak. Speakers may not cede their time. Speakers must address the Board, not the audience. Comments should be limited to matters within the jurisdiction of the NSV Board. If members of the audience have documents to present to the Board to review, they should provide a minimum of twenty (20) copies. Public comments on agendized items will be permitted during consideration of each item.

MINUTES

**NORTHERN SACRAMENTO VALLEY INTEGRATED REGIONAL
WATER MANAGEMENT BOARD MEETING**

October 3, 2022 | 9:00 a.m.

Meeting Location: 201 N. Lassen Street, Willows, CA

Board Members Present <input checked="" type="checkbox"/> :			
Butte County	Colusa County	Glenn County	Shasta County
<input type="checkbox"/> Debra Lucero (Chair)	<input type="checkbox"/> Gary Evans	<input checked="" type="checkbox"/> Grant Carmon	<input checked="" type="checkbox"/> Tim Garman
<input checked="" type="checkbox"/> Donna Bayliss	<input type="checkbox"/> Terry Bressler	<input type="checkbox"/> John Campbell (JEC)	<input type="checkbox"/> Chris Muehlbacher
<input type="checkbox"/> Tod Kimmelshue	<input checked="" type="checkbox"/> Denise Carter	<input type="checkbox"/> Tom Arnold	<input type="checkbox"/> Vacant
Sutter County	Tehama County	Tribal	
<input type="checkbox"/> Mat Conant (VC)	<input type="checkbox"/> Bob Williams	<input checked="" type="checkbox"/> He-Lo Ramirez	
<input type="checkbox"/> Wade Kirchner	<input checked="" type="checkbox"/> Dean Sherrill	<input checked="" type="checkbox"/> Isaiah Meders	
<input type="checkbox"/> Mike Ziegenmeyer	<input type="checkbox"/> Vacant		
<p align="right">Text= Alternate Board Member VC= Vice Chair JEC= Joint Executive Committee Member</p>			

1. Open meeting/roll call/introductions

Denise Carter called the meeting to order at 9:09 a.m. Introductions were made. A quorum of members was not present.

2. *Approve meeting minutes for August 1, 2022 Board Meeting

a. Potential Action: Approve meeting minutes

A quorum of members was not present and no action was taken.

3. Technical Advisory Committee Update

a. Report on TAC meetings, including Joint Board/TAC Executive Committee (JEC) meetings

Lisa Hunter, TAC Vice Chair, stated the Joint Executive Committee met one time to prepare for the TAC and Board meetings. The TAC met September 22, 2022 and received a presentation on DWR data products. The presentation is posted on the website and she encouraged all to look it over. The TAC made several recommendations that are on the Board's agenda relating to projects, upcoming grant applications, and the 2023 meeting schedule. There were also regular round table reports regarding drought and SGMA implementation and DWR updates. She further reported that a new online project application submittal form was developed and a link is available on the

website. Project submittals can be made through the online system or by email using the application form.

4. Overview of GSP Evaluations and Expectations

Paul Gosselin, Department of Water Resources (DWR) Deputy Director, Statewide Groundwater Management, gave an update on Sustainable Groundwater Management and an overview of Groundwater Sustainability Plan (GSP) evaluations and expectations. He discussed the GSP and Alternative Plan timeframes and noted that 20 basins with 42 GSPs were submitted for the Critically Overdrafted Basins and 63 basins with 65 GSPs were submitted in high and medium priority basins. Mr. Gosselin review the GSP regulatory pathways, and GSP determinations where 8 of 21 basins have been approved so far and 13 have been deemed incomplete. He further reported on common recommended corrective actions and themes of incomplete GSPs. He then shared information about GSP evaluation efforts.

The Board and members of the public engaged in discussion including CVSALTS, groundwater recharge, Technical Support Services opportunities, and lawsuits as they relate to GSPs.

5. Receive TAC recommendation, and potential action to bring new projects into the NSV IRWM Plan

A quorum of members was not present and no action was taken.

6. Receive TAC recommendation, and potential action regarding projects to submit in the Proposition 1 IRWM Implementation Round 2 application for the Mountain Counties Funding Area

A quorum of members was not present and no action was taken.

7. Receive TAC recommendation, and potential action regarding projects to submit in the Proposition 1 IRWM Implementation Round 2 application for the Sacramento River Funding Area

A quorum of members was not present and no action was taken.

8. Drought and SGMA updates and discussion

a. TAC County representative reports regarding drought response and SGMA implementation:

- i. Butte**
- ii. Colusa**
- iii. Glenn**
- iv. Shasta**
- v. Sutter**
- vi. Tehama**

vii. Tribal

Butte: Christina Buck reported that currently there are 44 reported dry wells in Butte County through the DWR reporting system. Butte County's Office of Emergency Management water delivery program is ongoing and there are approximately 137 individuals signed up. Phase 2 of the project is to provide storage tanks for those that do not already have one, but it is not being implemented quite yet. Funding has been received through the Small Community Grant Program for the Feather Ridge Estates and Berry Creek School. Butte County is following up with dry well reports to determine what their circumstances are and help them find necessary resources.

Ms. Buck continued with an update on SGMA for the three subbasins in Butte County. The Butte Subbasin has 11 Groundwater Sustainability Agencies (GSAs) and is focused on the SGMA grant application and reviewing the projects and management actions (PMA) list. The Butte Subbasin Advisory Board will be meeting in November to discuss prioritization of the PMAs and the grant application. The Vina and Wyandotte Creek Subbasins are on a similar path with a focus on the PMAs listed in plans. The GSA Boards will meet in early November for direction.

Colusa: Ms. Carter introduced Steve Geiger who will be appointed soon as the Colusa County TAC representative. She reported that 31 households are receiving water deliveries, and Colusa County did receive a DWR grant for tanks and water delivery. Currently, 23 tanks are in place; many of which are the same as last year. There is a focus on encouraging homeowners to get their wells fixed for a long-term solution.

Relating to SGMA activities, Colusa County is part of the Colusa Subbasin and Butte Subbasin. They are working on the SGMA grant application and prioritizing projects. There is also a focus on long-term funding.

Glenn: Lisa Hunter stated the Office of Emergency Services is leading the drought emergency response. The County has a drought webpage with additional information, resources, and links. The County continues collecting information from individuals experiencing water supply issues through the County's Well Incident Reporter tool and also receives information of reports submitted through the State's reporting tool. From 2021-2022, 413 reports have been received, of which 271 are reporting dry wells in the County's reporting system. The County is continuing Drought Task Force meetings and the county-wide well permit moratorium is still in place with an expiration date in June 2023. There are four programs receiving funding through the Small Community Drought Relief Program totaling nearly \$23 million and one program under the Urban & Multi-benefit Drought Relief Program for \$800,000. These programs are for the City of Orland (2), Artois Community Services District, Elk Creek, and an emergency tank and water hauling and drinking water delivery program.

Regarding SGMA implementation, the three subbasins in Glenn County have a similar theme as those that have already provided reports. For all three subbasins, there is a focus on long-term funding activities, the SGM implementation grant preparations, and the process for completing

annual reports. She had nothing more to add to the Butte Subbasin report. Ms. Hunter added that in the Colusa Subbasin, the Glenn Groundwater Authority is also working with Geosyntec and Water and Land Solutions on a groundwater recharge consulting services project for both short term and longer-term recharge project evaluation. She noted the Colusa Subbasin PMA submittal process re-opened to consider any new ideas before the grant application is submitted. The Corning Subbasin is in a similar position focusing on how to fund GSP implementation, grant application preparations, and annual report processes.

Shasta: Tim Garman reported dry well reports continue to come in. People are expressing frustration with finding available well drillers. Mr. Carmon asked a question about grant funding to help residents drill wells. There was a brief discussion on funding opportunities and Pat Vellines, offered to send the information on grants to the board.

Sutter: Guadalupe Rivera reported there have been two dry well reports in Sutter County and the drought is being monitored by the Emergency Management division.

Regarding SGMA, Sutter County is focused on how to proceed with long term funding and implementation and getting a consultant on board for annual report preparations.

Tehama: No report was provided.

Tribal: Patrick Speilman reported some tribal members have been affected by the drought. He discussed financial assistance in place for tribal members and noted there has been a backlog for drillers. They are coordinating water truck deliveries. They also coordinated with DWR on the airborne electromagnetic (AEM) surveys to map the aquifers.

9. DWR Update

Pat Vellines had nothing further to report, but encouraged those with questions to email the questions to her. She noted she will send the contact information for Tim Godwin, the contact for the CEQA exemption, and noted Technical Support Services Funding is available, but there is a backlog. There was some discussion on grants that may be available to the Tribes. There was a question about the subsidence benchmark surveys and Ms. Vellines suggested reaching out to Mr. Gosselin on the timing and/or funding for those surveys. She further encouraged those submitting SGMA grant applications to reach out to Kelley List and to review the grant score sheet.

10. Board member comments and updates

- a. General comments and updates**
- b. Suggested future agenda items**
- c. Suggested future presentations/speakers**
- d. Upcoming meeting reminders**

Mr. Garman provided more detail on challenges associated with the well issues highlighting right of entry to inspect, the well driller backlog, and constraints relating to income-based grants. They are also still working off of a letter of commitment from the State.

Jenny Scheer suggested the Board consider holding hybrid meetings. Discussion ensued on the Brown Act requirements for hybrid versus in person meetings.

Lester Messina asked Ms. Buck about the consequences of not having a quorum as it related to the action items that were not considered at today's meeting. There was some discussion on when to hold a Board meeting and considerations for in-person or online meetings. It was agreed to target the first Monday of the following month for a special board meeting.

Mr. Carmon suggested having a speaker from a critically overdrafted area to talk about the struggles they have faced and learn from their experiences. Discussion ensued on projections and desire to see some examples of extreme measures that were included in the GSPs. There was some discussion on the challenges of inviting a speaker from a critically overdrafted basin and potential ways to overcome those. There was a suggestion to invite Groundwater Sustainability Agencies to attend when this item is scheduled.

11. Establish 2023 Meeting Schedule

a. *Potential action to accept TAC recommendation and adopt 2023 Meeting Schedule

A quorum of members was not present and no action was taken.

12. Public wishing to address the NSV Board on items not listed on the agenda

No public comments were heard.

13. Correspondence

No correspondence was received.

14. Adjourn

The meeting was adjourned at 10:14 a.m.

Matt Conant, Vice Chair

ATTEST:

BY: _____
Lisa Hunter, Glenn County TAC representative

In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, age, disability, religion, sex, and familial status. (Not all prohibited bases apply to all programs). To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 337-7203 (TDD).

DRAFT

MINUTES

**NORTHERN SACRAMENTO VALLEY INTEGRATED REGIONAL
WATER MANAGEMENT SPECIAL BOARD MEETING**

November 7, 2022 | 9:00 a.m.

Meeting Location: 201 N. Lassen Street, Willows, CA 95988

Alternate Location: 1855 Placer Street, Redding, CA 96001

Board Members Present <input checked="" type="checkbox"/> :			
Butte County	Colusa County	Glenn County	Shasta County
<input type="checkbox"/> Vacant	<input type="checkbox"/> Gary Evans	<input checked="" type="checkbox"/> Grant Carmon	<input checked="" type="checkbox"/> Tim Garman
<input checked="" type="checkbox"/> Donna Bayliss	<input type="checkbox"/> Terry Bressler	<input type="checkbox"/> John Campbell (JEC)	<input checked="" type="checkbox"/> Chris Muehlbacher
<input checked="" type="checkbox"/> Tod Kimmelshue	<input checked="" type="checkbox"/> Denise Carter	<input type="checkbox"/> Tom Arnold	<input type="checkbox"/> Vacant
Sutter County	Tehama County	Tribal	
<input checked="" type="checkbox"/> Mat Conant (VC)	<input checked="" type="checkbox"/> Bob Williams	<input checked="" type="checkbox"/> He-Lo Ramirez	
<input checked="" type="checkbox"/> Wade Kirchner	<input checked="" type="checkbox"/> Dean Sherrill	<input checked="" type="checkbox"/> Isaiah Meders	
<input type="checkbox"/> Mike Ziegenmeyer	<input type="checkbox"/> Vacant		
<p align="right">Text= Alternate Board Member VC= Vice Chair JEC= Joint Executive Committee Member</p>			

1. Open meeting/roll call/introductions

Mat Conant called the meeting to order at 9:03 a.m. Roll call was taken as noted above.

2. *Approve meeting minutes for August 1, 2022 Board Meeting

a. Potential Action: Approve meeting minutes

Mr. Conant invited comments or revisions to the August 1, 2022 meeting minutes; whereby none were heard. Mr. Carmon moved to approve the August 1, 2022 Board Meeting minutes, which was seconded by Mr. Williams and passed unanimously.

3. *Receive TAC recommendation, and potential action to bring new projects into the NSV IRWM Plan

Christina Buck (Ms. Buck) reviewed that there was a solicitation in August encouraging any new project applications, particularly applications that would be ready to be considered as part of the upcoming grant application. Ten new projects were submitted for consideration of inclusion in the NSV IRWM Plan. Five projects are within the Mountain County Funding Area (MCFA) and

five are within the Sacramento River Funding Area (SRFA). The TAC has recommended all ten projects be included in the NSV IRWM Plan.

On a motion by Mr. Williams, seconded by Mr. Muehlbacher, the motion passed unanimously.

4. *Receive TAC recommendation, and potential action regarding projects to submit in the Proposition 1 IRWM Implementation Round 2 application for the Mountain Counties Funding Area

Ms. Buck discussed the Round 2 IRWM funding opportunity. The nine regions in the MCFA agreed to split the funding evenly among the regions, allocating approximately \$1.1 million to the NSV region. No NSV projects were submitted in Round 1, so the funding is available to the NSV region in Round 2. Ms. Buck reviewed the two projects being recommended by the TAC for inclusion in the grant application. Discussion ensued on projects and the grant application process. The deadline for the application is February 1, 2023. The requested action is to consider and approve the recommended projects list and funding amounts noted in the meeting packet (1. Lake Madrone Replacement of the Potable Water Distribution System, \$800,000; 2. Berry Creek Forest Health and Watershed Protection Project, \$296,232) for the Proposition 1 Round 2 Implementation Grant for the MCFA and direct staff to prepare and submit the grant application on behalf of the NSV IRWM region.

Mr. Kimmelshue moved to approve the item as presented which was seconded by Ms. Carter.

Richard Harriman asked if there would be a time for public comment. Mr. Conant invited public comments, whereby, none were heard.

The motion passed unanimously.

5. Receive TAC recommendation, and potential action regarding projects to submit in the Proposition 1 IRWM Implementation Round 2 application for the Sacramento River Funding Area

Guadalupe Rivera introduced the item and noted it is similar to Item 4, but specific to the SRFA. He stated there is approximately \$1.2 million available to the NSV region, based on negotiations between the six regions in the SRFA. There are four projects being recommended by the TAC for inclusion in the grant application. Mr. Rivera reviewed the four projects and discussion ensued. Upon a question by Mr. Harriman, it was clarified that the action related to this item is to consider including a project in a funding application and each project proponent is responsible for compliance with all permitting, CEQA, and related processes going through their regular processes.

Ms. Carter moved to approve the item as presented, which was seconded by Mr. Williams, and passed unanimously.

The requested action was to consider and approve the recommended projects list and funding amounts noted in the meeting packet (1. Spiva Water Main Replacement- Cark Ave to Cooper Ave, \$375,000; 2. Clear Creek NIS Plant Control, \$200,000; 3. Northern Sacramento Valley Mobile Irrigation Lab, \$200,000; 4. Arbuckle Area Groundwater Recharge Demonstration and Pilot Project, \$345,000) for the Proposition 1 Round 2 Implementation Grant for the SRFA and direct staff to prepare and submit the grant application on behalf of the NSV IRWM region.

6. Establish 2023 Meeting Schedule

a. *Potential action to accept TAC recommendation and adopt 2023 Meeting Schedule

Lisa Hunter stated the TAC has recommended a schedule with TAC meetings in January, February, June, and July and Board meetings in March and August. This is consistent with the bylaws.

Mr. Carmon moved to approved the meeting schedule as presented, seconded by Isaiah Meders, and passed unanimously.

7. Board member comments and updates

- a. General comments and updates**
- b. Suggested future agenda items**
- c. Suggested future presentations/speakers**
- d. Upcoming meeting reminders**

Mr. Conant invited member comments and updates. Mr. Williams thanked everyone for their participation and stated he will not be on the board in January.

Mr. Conant asked for updates related to water wells. Mr. Carmon reported that over 400 well issues have been reported with approximately 250 being reported as dry. The grant for the water tank and water hauling program with North Valley Community Foundation is being extended and they are partnering with Tehama County. Relating to the water expansion project in Orland, homes are now being connected the City's water system. The City is drilling a new well and a new tank is being planned. Discussion ensued on locations and depths of wells. Mr. Carmon stated Glenn County has also put out a Request for Proposals for a hydrological firm to review well permit applications and provide recommendations on well screening and depths.

Mr. Kimmelshue asked about the formation and purpose of the NSV IRWM group and discussion ensued on formation, purpose, and purview of IRWMs and the NSV IRWM, as well as interaction with SGMA.

Mr. Kimmelshue suggested agenda items for individual projects be included on the agenda. There was discussion on the process by which projects are submitted for consideration of inclusion in the NSV IRWM Plan.

There was acknowledgement and appreciation to Mr. Williams and Ms. Carter for their service to the NSV IRWM and best wishes to their futures.

Mr. Carmon suggested a presentation from a critically overdrafted basins and invite the GSAs to attend. Mr. Kimmelshue suggested Land IQ (Joel Kimmelshue) would be a good presentation who works closely with many critically overdrafted basins. Discussion ensued.

Mr. Harriman suggested a presentation on Public Trust by Rick Frank. He further suggested the Tulare Basin Watershed Network for a future presentation.

A suggestion was made to have a presentation on what the future may look like for us, including hotter and dryer climate, unpredictable weather patterns, increased population, and increased water use.

Mr. Williams suggested adding the reports from each county back to the agenda. It was clarified that that item is generally on the regular agenda, but was removed because this was a special meeting. The item can remain on all agendas.

A question was asked regarding Yolo County participation and water transfers. It was clarified that Yolo County is part of a different IRWM.

8. Public wishing to address the NSV Board on items not listed on the agenda

Mr. Harriman shared information about an article in the Sacramento Bee pointing out a reorganization of the State Water Resources Control Board and legislation to acquire senior riparian water rights. He has requested the article be distributed to all.

Mr. Conant commented on the voluntary agreements process and concerns related to this.

Pat Vellines commented on the November 30, 2022 grant application deadline and encouraged all counties to submit an application. She also pointed out a funding webinar taking place on November 9, 2022. She further commented that the Public Trust presentation by Mr. Frank was very interesting and recommended a similar presentation to this group.

9. *Correspondence

Ms. Hunter encouraged all to review the email included in the meeting packet.

10. Adjourn

The meeting was adjourned at 9:52 a.m.

Matt Conant, Vice Chair

ATTEST:

BY: _____
Lisa Hunter, Glenn County TAC representative

In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, age, disability, religion, sex, and familial status. (Not all prohibited bases apply to all programs). To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 337-7203 (TDD).

DRAFT

Receive update on Proposition 1, IRWM Implementation Round 2 grant application (Christina Buck, Guadalupe Rivera)

Action Item: For information only

STAFF REPORT

The deadline to submit an application to the Department of Water Resources Prop 1 IRWM Round 2 grant program was February 1, 2023, and projects must be completed by December 31, 2027. Two applications were submitted by the deadline. One for the Mountain Counties Funding Area and the other for the Sacramento River Funding Area. The following describes what was included in the applications.

Mountain Counties Funding Area

The IRWM regions in the Mountain Counties Funding Area (MCFA) agreed to split their allocation of Prop 1 IRWM Implementation funds equally between the nine regions. The NSV IRWM region was allocated \$1,146,232.67. No projects were submitted for funding during Round 1 so the full allocation was available for Round 2.

On November 7, 2022, the NSV Board directed staff to prepare the application with the inclusion of two projects:

1. Berry Creek Forest Health and Watershed Protection Project
2. Lake Madrone Replacement of the Potable Water Distribution System

The Berry Creek Forest Health and Watershed Protection Project will reduce wildfire risk and provide needed water conservation by improving forest health through thinning and fuels reduction and increase in water release on 60 acres of forest land. The project is located in and would provide benefits to the Feather River watershed in Butte County and will take place around the residential portions of Berry Creek, adjacent to US Forest Service lands, along key ingress and evacuation routes as well as ridge lines for wildfire defense. A variety of fuels treatments have been successful in Butte County historically and will be used for this project including hand cut and pile burn, mastication, prescribed fire, grazing, lop and scatter, as well as hand cut and chip. Berry Creek Fire Safe Council (BCFSC) formed over a decade ago and received Firewise USA recognition. The area burned severely in the North Complex and has a high probability of future catastrophic wildfire due to the high fire return interval. The project will provide wildfire safety and water conservation to enhance reliability of groundwater supplies for the Berry Creek Community.

The Lake Madrone Water District (LMWD) supplies potable water to residential and community properties surrounding Madrone Lake in Butte County, California located 8 miles north of Lake Oroville. The North Complex Fire started by lightening on August 17, 2020, and caused significant damage to LMWD's system infrastructure either by heat damage to system components, damage by personnel during fire-fighting efforts, or falling debris. LMWD's source water is pumped from 3 groundwater wells to 4 above ground storage tanks. Potable water is distributed to 125 service connections through a network of 19,044-feet of mostly buried polyvinyl chloride (PVC) and transit piping ranging from 2- inch to 6-inch in diameter. For complete buildout for the community, the project will be upgrading the

necessary backbone potable water infrastructure to serve 147 residents. In addition to serving the potable water needs of the community, the water supply supports fire suppression and County public works activities in the area. The principal benefit of this project is water supply/water supply reliability and water quality. Once completed, the system will be able to deliver 7 million gallons per year (GPY) of potable water to residents.

As the application was prepared, the budget and project scopes were refined. The table below shows the budget submitted for each project and grant administration.

Application Budget Table:

PROJECTS	Grant Amount	Required Cost Share: Non-State Fund Source	Other Cost Share	Total Cost	Cost Share Waiver Received
Grant Administration	\$50,000	\$25,000	\$0	\$75,000	N/A
Berry Creek Forest Health and Watershed Protection Project	\$296,232	\$0	\$30,000	\$326,232	100%
Lake Madrone Replacement of Potable Water Distribution System	\$800,000	\$0	\$7,003,000	\$7,803,000	100%
GRAND TOTAL	\$1,146,232	\$25,000	\$7,033,000	\$8,204,232	

DWR has been in touch with Butte County staff with follow up clarification and requests. Additional materials have been provided as requested. DWR has not yet released awards for the grant opportunity.

Sacramento River Funding Area

According to the Implementation Grant Program webpage, the Sacramento River Funding Area (SRFA) has \$1,677,458 available in implementation funds. Based on negotiations between the six regions in the SRFA in 2019, \$1.2 million of the available funds are designated to the NSV IRWM region. The Upper Sac IRWM region is interested in pursuing the remaining funds. The other IRWM regions in the SRFA have confirmed that they will not submit projects for Round 2 funding.

In August 2022 a solicitation email was sent to the IRWM listserve, and distributed by Counties and other agencies as appropriate, inviting revisions to existing projects or new projects to be submitted for consideration for the Round 2 funding. Ten new projects were submitted and revisions were submitted for several projects. With the projects previously on the list, in conjunction with the new projects added, a total of fourteen (14) projects were considered within the SRFA.

The NSV IRWM TAC discussed these projects and the funding opportunity at their September 22, 2022, meeting. This included consideration of the Evaluation Criteria described in the Proposal Solicitation Package for the grant program and the package of projects' total costs.

On November 7, 2022, the NSV Board directed staff to prepare the application with the inclusion of four projects:

1. Spiva Avenue Water Main Replacement - Clark Ave to Cooper Avenue
2. Clear Creek NIS Plant Control
3. Northern Sacramento Valley Mobile Irrigation Lab (NSV MIL)
4. Arbuckle Area Groundwater Recharge Demonstration and Pilot Project

Direction was provided that as the Clear Creek NIS Plant Control project scope and budget was further developed, any excess funding available from this project budget be transferred to the Arbuckle Area Groundwater Recharge Demonstration and Pilot Project.

During the preparation of the grant application, staff was notified by the project proponent that the Clear Creek NIS Plant Control project would not be able to be included in this funding opportunity, therefore staff transferred available project funding to the Arbuckle Area Groundwater Recharge Demonstration and Pilot Project as directed.

The Spiva Avenue Water Main Replacement project will provide a new and upsized water main with the required capacity to provide potable water efficiently to the affected water services, while also being less likely of leaks and other contaminants generally found with aged water mains greater than 75 years old. The project will increase water service by 1.56 cfs and fire flow capacity for an area of a disadvantage community.

The RCD of Tehama County's (RCDTC) Mobile Irrigation Lab (MIL) program will cover 4 counties in the Northern Sacramento Valley, providing free access to all interested growers for irrigation system evaluations. This proposed MIL project will address two main program objectives by first, performing a minimum of 60 irrigation evaluations each year (current average is 82) of which all collected information will be summarized in detailed reports and discussed in a one-on-one technical assistance setting. Second, by providing irrigation water management training that will involve either presenting, leading, or participating in workshops, seminars, or agriculture related events.

The Arbuckle Area Groundwater Recharge Demonstration and Pilot Project's aim is to demonstrate and pilot a multi-benefit groundwater recharge project to assist in meeting the sustainability goals under the Sustainable Groundwater Management Act, as addressed in detail in the Colusa Subbasin Groundwater Sustainability Plan (GSP). The project will build drought resiliency and advance local conjunctive use practices through groundwater recharge according to the State's prioritization of groundwater recharge projects. The project will implement multi-benefit, direct and in-lieu groundwater recharge projects in a unified approach and demonstrate that groundwater recharge is a viable tool to immediately alleviate critical drought conditions. This project will benefit the disadvantaged community surrounding Arbuckle, provide habitat for migratory shorebirds, and enhance groundwater dependent ecosystems supporting the region's objective to implement multi-benefit projects.

As the application was prepared, the budget and project scopes were refined. The table below shows the budget submitted for each project and grant administration.

Application Budget Table:

PROJECTS	Grant Amount	Required Cost Share: Non-State Fund Source	Other Cost Share	Total Cost	Cost Share Wavier Received
Grant Administration	\$80,000	\$0	\$0	\$80,000	N/A
Project 1: Spiva Ave Water Main - City of Yuba City	\$375,000	\$0	\$25,000	\$400,000	100%
Project 2: Northern Sacramento Valley Mobile Irrigation Lab	\$200,000	\$28,572	\$0	\$228,572	75%
Project 3: Arbuckle Area Groundwater Recharge Demonstration and Pilot Project	\$545,000	\$0	\$19,665	\$564,665	100%
GRAND TOTAL	\$1,200,000	\$28,572	\$44,665	\$1,273,237	

DWR has been in touch with Sutter County staff with follow up clarification and requests. Additional materials have been provided as requested. DWR has not yet released awards for the grant opportunity.

** Receive TAC report on the IRWM Round Table of Regions Transition Plan and provide direction*

Action Item: *Provide direction to staff.*

Attachments:

1. IRWM Transition Plan Scope of Work.

STAFF REPORT

The IRWM Round Table of Regions is developing a transition plan. They are currently in the first phase, information gathering and draft plan development. They held a meeting with the North State region to request input. Specifically, they wanted information relating to:

- What would happen if the IRWM funding went away entirely.
- What would the NSV IRWM do with additional IRWM funding.
- What needs do the IRWMs have that need to be addressed. For example, ongoing baseline funding for IRWM staff, possible funding for equipment, training, and testing.
- How can the role of IRWM be expanded in the future:
 - Involvement in regional Climate Resiliency groups,
 - Expanded to include the Watershed Resilience Initiative and related products from the California Water Plan Update 2023,
 - Other.

Anticipated Next Steps

1. Shasta County staff will forward the NSV IRWM response to the IRWM Round Table of Regions for consideration in the proposed transition plan.

Requested Action

The NSV IRWM Board is requested to provide direction to staff regarding the future of IRWM.

IRWM Roundtable of Regions Area 2

Task 1.0 Small Regional Group Meetings

1.1 Develop Transition Plan

- Facilitate 5 geographically based Roundtable of Regions small group meetings
- Gather input and create a list of stakeholders, funding needs and opportunities
- Prepare draft transition plan for IRWM

1.2 Review Final Draft Plan

- Facilitate Review of Final Draft
- Confirm regional needs, stakeholders, priorities and concerns with IRWM, funding, and interagency collaboration

Deliverable: Regional IRWM Transition Plans

Assumption: Assumed project duration is 6 months. Assumes remote and in-person participation in meeting facilitation. One meeting prior to plan development and one meeting to review final draft. (10 regional meetings)

Task 2.0 Agency Meetings with Roundtable Co-Chairs

2.1 Schedule and Facilitate Meetings with 4 Agencies

- Meet with Roundtable Co-Chairs to determine goals and objectives for IRWM
- Define draft plan elements from regions
- Align strategies with desired outcomes and determine list of Agency Representatives for meetings
- Schedule Roundtable Co-Chair meetings with:
 - Department of Water Resources
 - State Water Board
 - Office of Planning & Research
 - Strategic Growth Council

Deliverable: Discussions and debrief of meetings with 4 agencies

Assumption: Meetings completed by end of June 2023.

Task 3.0 Create Transition Plan

3.1 Develop Plan

IRWM Roundtable of Regions Area 2

- Develop IRWM Transition Plan for stakeholders that include state agencies, legislators, administration, regulators, funders, IRWM members and partners, and an expanded network of climate, watershed, and fire resilience practitioners
- Plan will include statewide funding sources, legislative and administrative priorities, and new state and federal grants and policy initiatives
- Include practical implementation tools for transition into IRWM 2.0

Deliverable: IRWM 2.0 Transition Plan

Assumption: Facilitated meetings will result in stakeholder and funding content for plan to be created by June 2023.

Task 4.0 Department of Water Resources Meetings

4.1 Facilitate Transition Meetings with DWR

- Discuss Transition Plan with DWR
- Meet Monthly or Bi-Monthly depending on availability

Deliverable: Plan with Roundtable Co-Chairs and DWR to transition to IRWM 2.0

Assumption: Facilitated monthly meetings, 1-hour each