

NSV IRWM TAC Meeting Packet

August 21, 2024

Northern Sacramento Valley Integrated Regional Water Management Technical Advisory Committee Meeting

Wednesday, August 21, 2024
9:00-11:00 a.m.

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

Agenda

1. Open meeting/roll call/introductions (Lisa Hunter, Chair)
2. *Election of Chair, Vice Chair, and Joint Executive Committee Member
3. *Approve meeting minutes (pg. 4)
 - a. October 18, 2023 NSV IRWM TAC meeting (pg. 5)
4. *Update on Proposition 1, Round 2 grant (pg. 11)
 - a. Mountain Counties Funding Area (Christina Buck)
 - b. Sacramento River Funding Area (Guadalupe Rivera)
5. *Recommendation to Board on revisions to the Bylaws (pg. 15)
6. *Discussion and assignment of TAC Member Roles and Responsibilities (pg. 23)
7. TAC representatives' reports regarding SGMA implementation:
 - a. Butte (Christina Buck, TAC Representative)
 - b. Colusa (Steve Geiger, TAC Representative)
 - c. Glenn (Lisa Hunter, TAC Representative)
 - d. Shasta (Charleen Beard, TAC Representative)
 - e. Sutter (Guadalupe Rivera, TAC Representative)
 - f. Tehama (Justin Jenson, TAC Representative)
 - g. Tribal (Patrick Spielman, Tribal Representative-Mechoopda Tribe)
8. DWR Update
9. TAC member comments and updates – (All)
 - a. General comments and updates
 - b. Suggested future agenda items
 - c. Suggested future presentations/speakers
 - d. Upcoming meeting reminders

10. Public wishing to address the TAC on items not listed on the agenda. (The NSV IRWM TAC 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.

11. Correspondence- None

12. Next Meetings:

NSV IRWM TAC: 9/25/24

NSV IRWM Board: 9/25/24

13. Adjourn

* Indicates attachment.

Public Comments: The public comment period is a time set aside for members of the public to address the TAC 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 TAC, not the audience. Comments should be limited to matters within the jurisdiction of the TAC. If members of the audience have documents to present to the TAC to review, they should provide a minimum of twenty (20) copies. Public comments on agenda items will be permitted during consideration of each item.

STAFF REPORT

TO: Northern Sacramento Valley Integrated Regional Water Management
Technical Advisory Committee (TAC)

FROM: Lisa Hunter, Glenn County TAC Representative

SUBJECT: Agenda Item 3
Approve meeting minutes
a. October 18, 2023 NSV IRWM TAC meeting

DATE: August 21, 2024

Background/Discussion

The meeting minutes from the October 18, 2023 NSV IRWM TAC meeting are attached.

Recommendation

Approve October 18, 2023 NSV IRWM TAC meeting minutes.

Attachments:

1. October 18, 2023 NSV IRWM TAC meeting minutes

MINUTES

NORTHERN SACRAMENTO VALLEY INTEGRATED REGIONAL WATER MANAGEMENT TECHNICAL ADVISORY COMMITTEE (TAC) SPECIAL MEETING

October 18, 2023 | 9:00 a.m.

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

TAC Members Present <input checked="" type="checkbox"/> :		
Butte County	Colusa County	Glenn County
<input type="checkbox"/> Christina Buck (2023 JEC member) <input checked="" type="checkbox"/> Eric Johnson	<input checked="" type="checkbox"/> Steve Geiger <input type="checkbox"/> Hilary Reinhard	<input checked="" type="checkbox"/> Lisa Hunter (2023 Chair) <input type="checkbox"/> Vacant
Shasta County	Sutter County	Tehama Co
<input checked="" type="checkbox"/> Charlene Beard <input checked="" type="checkbox"/> Eric Wedemeyer	<input checked="" type="checkbox"/> Guadalupe Rivera (2023 Vice Chair) <input type="checkbox"/> Vacant	<input checked="" type="checkbox"/> Justin Jenson <input type="checkbox"/> Vacant
At Large	At Large Tribal Representative	Others (Ex-officio)
<input checked="" type="checkbox"/> Evan Markey <input type="checkbox"/> Lester Messina	<input type="checkbox"/> Patrick Spielman <input type="checkbox"/> Vacant	<input checked="" type="checkbox"/> Michelle Dooley, DWR <input type="checkbox"/> David Guy, NCWA <input type="checkbox"/> Bruce Houdesheldt, NCWA
		Text= Alternate TAC Member

1. Open meeting/roll call/introductions

Lisa Hunter called the meeting to order at 9:07 a.m. The pledge of allegiance was recited and roll call was taken as indicated above.

2. Presentation: DWR’s Basin Characterization Program and Airborne Electromagnetic (AEM) Survey Results and Tools

Steven Springhorn and Katherine Dlubac, Department of Water Resources (DWR), gave a presentation on AEM survey results and tools and DWR’s basin characterization program. The updates included information pertaining to the AEM schedule, methods and interpretation, supporting data, data visualization, and how to access the information online. They shared information on various data sources and how the data sources are connected and used for producing numerous reports and publications. They concluded by discussing the basin characterization timeline and workgroup. The TAC members and members of the public engaged in follow up discussion.

3. *Approval of minutes

- a. January 18, 2023 NSV IRWM TAC meeting
- b. June 21, 2023 NSV IRWM TAC meeting

Ms. Hunter invited comments or suggested edits; whereby, none were heard. Eric Wedemeyer moved to approve the January 18, 2023 and June 21, 2023 NSV IRWM TAC meeting minutes as presented. Guadalupe Rivera seconded the motion, which passed unanimously.

4. *Update on Proposition 1, Round 2 grant
a. Mountain Counties Funding Area (MCFA)
b. Sacramento River Funding Area (SRFA)

Guadalupe Rivera stated applications for the Proposition 1, Round 2 IRWM grant were due February 1, 2023. For the Mountain County Funding Area (MCFA), two projects will be funded through this opportunity: the Berry Creek Forest Health and Watershed Protection Project and the Lake Madrone Replacement of the Potable Water Distribution System. He reviewed the project descriptions and the status of the applications. He further reviewed some uncertainty relating to the Lake Madrone project's FEMA funding, which is intended to cover the majority of the project cost. Subrecipient agreements will be developed following execution of the agreement with DWR.

For the Sacramento River Funding Area (SRFA), three projects will be funded through the Proposition 1, Round 2 grant including the Spiva Avenue Water Main Replacement, the Northern Sacramento Valley Mobile Irrigation Lab, and the Arbuckle Area Groundwater Recharge Demonstration and Pilot Project. DWR has requested some additional information and Mr. Rivera is working to submit the additional information prior to the contract being executed. Once the agreement is signed, subrecipient agreements will be developed.

5. *Recommendation on 2024 Meeting Schedule

Ms. Hunter reviewed the proposed 2024 meeting schedule to recommend to the Board. A correction was noted that all dates should be "2024". Following discussion, Ms. Beard moved to recommend to the Board the proposed 2024 meeting schedule as corrected. Mr. Jensen seconded the motion, which passed unanimously.

The proposed 2024 meeting schedule is:

- January 2024- No meeting
- February 21, 2024- TAC Meeting
- March 2024- No meeting
- April 17, 2024- TAC meeting
- May 2024- No meeting
- June 3, 2024 -Board
- July 2024- No meeting
- August 21, 2024- TAC meeting
- September 2024- No meeting
- October 16, 2024- TAC meeting
- November 2024- No meeting
- December 2, 2024- Board meeting

6. TAC representatives reports regarding SGMA implementation and SGM Round 2 grant status:

- a. Butte**
- b. Colusa**
- c. Glenn**
- d. Shasta**
- e. Sutter**
- f. Tehama**
- g. Tribal**

Butte: Kamie Loesser reported that the Butte, Vina, and Wyandotte Creek Groundwater Sustainability Plans (GSPs) have all been approved by DWR, each with recommended corrective actions. The Vina and Wyandotte Creek Groundwater Sustainability Agencies (GSAs) have both approved fee structures and the Butte Subbasin GSAs are working toward finalizing a cost-share agreement for compliance tasks. Vina and Wyandotte Creek Subbasin were both awarded grant funding and Ms. Loesser reviewed various tasks included in the grant funding. She further noted that Butte County is leading an effort to develop a Recharge Action Plan. Inter-basin coordination has not formally been started. Request for Proposals are being drafted and will be released soon in order to get consultants on board to assist with various tasks.

Colusa: Steve Geiger reported the Colusa Groundwater Authority (CGA) is coordinating with the Glenn Groundwater Authority (GGA) in the Colusa Subbasin to prioritize implementation activities, determine budgets, and develop a workplan for moving forward. He further stated the CGA is developing a new fee structure and the Colusa Subbasin grant application was not successful in obtaining funding. They are also awaiting a determination from DWR on the status of the Colusa Subbasin GSP. Regarding recharge, the CGA is working with MBK and DWR to prepare a temporary water right application. The CGA also continues to cooperate in the Butte Subbasin.

Glenn: Ms. Hunter reported the overarching themes in the three subbasin in Glenn County are developing funding strategies and beginning the annual report work. Glenn County participates in the Butte Subbasin as described by Ms. Loesser. In addition to Mr. Geiger's report in the Colusa Subbasin, Ms. Hunter provided an update on the GGA's recharge pilot project activities and long-term planning. In the Corning Subbasin, the GSAs are awaiting DWR determination on the Corning Subbasin GSP. The Corning Sub-basin GSA adopted a fee structure similar to the Wyandotte Creek GSA with three tiers. Facilitation Support Services (FSS) provided by DWR will provide an avenue to re-initiate inter-basin coordination along the Northern Sacramento River corridor. She reported the Corning Subbasin did receive grant funding for various tasks.

Shasta: Charleen Beard reported the two basins within Shasta County did receive grant funding, which was a significant increase from the draft announcements. DWR has not yet provided determinations for the basins in Shasta County. She stated there are no ongoing recharge projects.

Regarding coordination, the various subbasin have spoken; however, the only neighboring basins, other than their own, are low priority basins.

Sutter: Guadalupe Rivera reported on the three subbasins within Sutter County. In the Sutter Subbasin, work is focused on identifying data gaps, and there is an application in with DWR for monitoring well installation. Grant funding was awarded for various tasks, and there has been no determination on the Sutter GSP yet. Inter-basin coordination occurred during GSP development, but there has been no formal coordination since, although coordination will occur as the process moves forward. There are currently no recharge projects in the Sutter Subbasin. In the North American Subbasin, they are working on data gap identification. Grant funding was awarded for various tasks and DWR issued an approval determination for the North American Subbasin GSP. Inter-basin coordination occurred during GSP development and they have recently begun coordination efforts again. He further reported groundwater recharge is included as a task in the grant project.

Tehama: Justin Jenson reported on fees for the county-wide well registration program and stated the data from the program will be used to generate the long-term fee structure. They are currently creating the data management system to support this work. Tehama County received a significant amount of Round 2 funding and they recently underwent a large-scale Request for Qualifications process. The review process included members from both Tehama and Glenn Counties and the announcement for consultant selection is expected in the near-term. There are no active recharge sites; however, projects are expected to be identified in the short term. Tehama County also has FSS which includes long-term coordination tasks, but the focus for now is on community outreach.

Tribal: No updates were provided.

The TAC recessed at 10:30 a.m. and reconvened at 10:38 a.m.

7. DWR Update

Michelle Dooley presented on the 2023 fall hydrology. She shared information on the precipitation index, the NOAA climate prediction, and information from various websites including California Water Watch, California Groundwater Live, and Open Data Platform. She further stated that the Groundwater Conditions Semi-Annual Update: October 2023 is now available and shared information contained in the report relating to groundwater conditions, groundwater extraction, land subsidence, and dry well reporting.

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

Ms. Hunter invited TAC member comments and updates; whereby, Ms. Beard asked how other counties are handling SB 552 and the required County Drought Taskforce and how they are managed. Several counties indicated Office of Emergency Services was leading the effort and in Butte County, the Drought Taskforce already existed and is implemented through the Department of Water and Resource Conservation. There was additional discussion on SB 552. Ms. Dooley stated Bill Ehorn, with DWR, is reaching out to each county regarding assistance available to each county through either funding to develop the required plan or for direct technical support for plan development. She further reported sounders that have been procured for groundwater level measurements.

Ms. Dooley encouraged all to provide input on the runoff-recharge efforts relating to the Governor's Executive Order and thoughts on technical assistance needs. There was some discussion on these topics.

Several suggestions for future topics relating to recharge included recharge in general, permitting, ownership, and legal implications. Additionally, there was a suggestion to explore groundwater recharge as an alternative to Sites Reservoir.

No additional comments, suggestions, or reminders were heard.

9. Public wishing to address the TAC on items not listed on the agenda.

Ms. Hunter invited public comments; whereby, a comment was made on an Aquifer Storage and Recovery (ASR) project in Yuba City and how ASR relates to groundwater recharge. He offered to contact the group to see if they would be interested in giving a presentation.

10. Correspondence

Ms. Hunter noted there was no correspondence to review.

11. Next Meetings

The next NSV IRWM TAC meeting will be held February 21, 2024 at 9:00 a.m. if the proposed meeting schedule is approved by the Board. The next NSV IRWM Board meeting is scheduled for November 6, 2023 at 9:00 a.m.

12. Adjourn

The meeting was adjourned at 11:18 a.m.

Guadalupe Rivera, Vice Chair

ATTEST:

BY: _____
Lisa Hunter, Glenn County TAC representative

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DRAFT

STAFF REPORT

TO: Northern Sacramento Valley Integrated Regional Water Management
Technical Advisory Committee (TAC)

FROM: Guadalupe River, Sutter County TAC Representative
Christina Buck, Butte County TAC Representative

SUBJECT: Agenda Item 4
Update on Proposition 1, Round 2 grant
a. Mountain Counties Funding Area (Christina Buck)
b. Sacramento River Funding Area (Guadalupe Rivera)

DATE: August 21, 2024

Background/Discussion

The Department of Water Resources (DWR) Prop 1 IRWM Implementation grant program made funds available to funding regions through two Rounds. For Round 2, applications were due February 1, 2023, and projects must be completed by December 31, 2027. Two applications were submitted for our Northern Sacramento Valley (NSV) region by the deadline. One for the Mountain Counties Funding Area and the other for the Sacramento River Funding Area. The following describes the status of this funding opportunity and the projects it is funding.

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 in the funding area. The NSV IRWM region was allocated \$1,146,232.67 and this amount was available to the NSV region in Round 2.

Two projects have been funded by the IRWM Prop 1, Round 2 funds:

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

Butte County staff worked with the project proponents and DWR grant staff to work out the details of the projects' work plan, budget, and schedule that would be eligible for the funding. The grant agreement was signed and executed between Butte County and DWR in February 2024. In June 2024 Butte County executed subrecipient agreements with each of the implementing agencies of these projects. The first quarterly report was submitted to DWR and the second will be prepared soon. The projects are just beginning to get underway. Below are descriptions of the projects and the budget table from the grant agreement.

PROJECT 1: Berry Creek Forest Health and Watershed Protection Project

IMPLEMENTING AGENCY: Butte County Fire Safe Council

PROJECT DESCRIPTION: The project will implement thinning and fuels reduction on 60 acres of forested land. The project will increase water released to the watershed by reducing the amount of water taken (i.e., evapotranspiration) by overstocked forested land, conserving approximately 33,000,000 gallons of water during a growing season. The project will also improve forest health, reduce the risk of wildfire, and will promote regional water supply reliability in the Feather River Watershed and the Berry Creek area. The project is expected to be completed in the spring of 2027.

PROJECT 2: Lake Madrone Replacement of the Potable Water Distribution System

IMPLEMENTING AGENCY: Lake Madrone Water District (LMWD)

PROJECT DESCRIPTION: 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 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 three groundwater wells to four above ground storage tanks. The system originally distributed potable water to 125 service connections through a network of 19,044-feet of mostly buried polyvinyl chloride (PVC) and Transite piping ranging from 2-inch to 6-inch in diameter. The distribution grid has been condemned by the Butte County Department of Environmental Health and the State Water Resources Control Board’s Division of Drinking Water due to contamination and system degradation caused by the fire. This project will develop a new well, storage capacity, and replace the main distribution line and service laterals supplying potable water to serve 14 residential properties that survived the fire. The project will provide approximately 7 acre-feet per year of potable water supply to the Lake Madrone community and is expected to be completed in the spring of 2026.

The table below shows the project budgets from the grant agreement.

Budget Table:

PROJECTS	Grant Amount	Required Cost Share: Non-State Fund Source	Other Cost Share	Total Cost	Required Cost Share %
Grant Administration	\$50,000	\$0	\$0	\$50,000	N/A
Berry Creek Forest Health and Watershed Protection Project	\$296,232	\$0	\$30,000	\$326,232	0%
Lake Madrone Replacement of Potable Water Distribution System	\$800,000	\$0	\$32,000	\$832,000	0%
GRAND TOTAL	\$1,146,232	\$25,000	\$62,000	\$8,204,232	

Sacramento River Funding Area

According to the Implementation Grant Program webpage, the Sacramento River Funding Area (SRFA) had \$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 were designated to the NSV IRWM region. The Upper Sac IRWM region pursued the remaining funds. The other IRWM regions in the SRFA did not submit projects for Round 2 funding.

Three projects have been funded by the IRWM Prop 1, Round 2 funds:

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

Sutter County staff worked with the project proponents and DWR staff on the finalization of the project details. The grant agreement was signed and executed between Sutter County and DWR in February 2024. In March 2024, Sutter County executed subrecipient agreements with each of the implementing agencies of these projects. The first quarterly report was submitted to DWR and the second will be prepared soon. The projects are just beginning to get underway. Below are descriptions of the projects and the budget table from the grant agreement.

PROJECT 1: Spiva Avenue Water Main Replacement Project

IMPLEMENTING AGENCY: City of Yuba City

PROJECT DESCRIPTION: 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.

PROJECT 2: Northern Sacramento Valley Mobile Irrigation Lab Project

IMPLEMENTING AGENCY: The Resource Conservation District of Tehama County

PROJECT DESCRIPTION: 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.

PROJECT 3: Arbuckle Area Groundwater Recharge Demonstration and Pilot Project

IMPLEMENTING AGENCY: Colusa County Water District

PROJECT DESCRIPTION: 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.

The table below shows the budget submitted for each project and grant administration.

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
Spiva Ave Water Main Replacement	\$375,000	\$0	\$25,000	\$400,000	100%
Northern Sacramento Valley Mobile Irrigation Lab	\$200,000	\$28,572	\$0	\$228,572	75%
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	

Recommendation

Informational only. No action.

Attachments:

1. None

STAFF REPORT

TO: Northern Sacramento Valley Integrated Regional Water Management
Technical Advisory Committee (TAC)

FROM: Lisa Hunter, Glenn County TAC Representative

SUBJECT: Agenda Item 5
Recommendation to Board on revisions to the Bylaws

DATE: August 21, 2024

Background/Discussion

The NSV IRWM Bylaws were last revised in March 2020 to update the composition of the Board and the TAC. Over the past few years, there has been discussion on the minimum number of meetings per year. The JEC recommends at least two meetings per year for the Board and at least two meetings per year for the TAC. If the group expects a heavier workload in a particular year, a more robust meetings schedule could be adopted. Should the need arise, special meetings may be added at the discretion of the Board Chair for Board meetings or the TAC Chair for TAC meetings.

The attached draft revision shows potential changes in redline text. It is recommended the TAC discuss potential revisions to the NSV IRWM Bylaws and make a recommendation to the Board.

Per Art. VII Sec. 1: The Bylaws may be amended by proposals submitted in writing to the Chair who shall notify each member of the proposed amendment not less than 30 days before the date of the meeting at which the said amendment will be voted upon. A vote of at least two-thirds majority of the full NSV IRWM Board is required to amend the Bylaws.

Given this provision, if the TAC makes a recommendation, the proposed changes will be forwarded to the NSV IRWM Chair to circulate at least 30 days before the Board meeting in which the amendment would be voted upon.

Recommendation

Make a recommendation to the Board on potential revisions to the Bylaws.

Attachments:

1. NSV IRWM Bylaws (with potential revisions)

BYLAWS OF THE
Northern Sacramento Valley
Integrated Regional Water Management Board
(NSV IRWM Board)

ART. I NAME AND PURPOSE

Sec. 1 - The name of this Board shall be the Northern Sacramento Valley Integrated Regional Water Management Board (NSV IRWM Board).

Sec. 2 - The purposes of the NSV IRWM Board shall be to:
First: Provide input and guidance on the development of the Northern Sacramento Valley Integrated Regional Water Management Plan pursuant to the California Water Code §10530 through 10550, inclusive, and 83000 through 83002, inclusive.
Second: Review the concerns of all water users within the Planning Area, which consists of the then current Department of Water Resources Region Acceptance Process Map delineating the Northern Sacramento Valley IRWM and bring forward solutions that will realize the most benefit to the region through this planning process. The NSV IRWM Board may work with appointed technical staff to act as a liaison between the planning process and the Boards of Supervisors of the Counties of Butte, Colusa, Glenn, Shasta, Sutter and Tehama (Six Counties).

ART. II NSV IRWM BOARD

Sec. 1 - The NSV IRWM Board shall consist of fourteen members, with two members from each county of the Six Counties appointed by the Boards of Supervisors and two Tribal Representative members. One member from each county shall be a member of that county's Board of Supervisors. The other appointment from each county may have criteria determined by an independent action of each Board of Supervisors and shall be appointed by the full Board of Supervisors within each county. Individual counties shall appoint at least one alternate member and such alternate members shall act in accordance with their specific Board's direction. The Tribal Representative members will be appointed by the Tribes in the NSV IRWM region. Tribal

Representative member appointments will be based on criteria and a process determined by the Tribes. The Tribes shall appoint at least one alternate member and such alternate members shall act in accordance with the Tribes' direction.

- Sec. 2 - NSV IRWM Board members may be removed from service by their specific appointing authority. Notification will be sent to an appointing Board/Tribes regarding any NSV IRWM Board member who misses two regular meetings in a rolling year without notice. The authority for removal of NSV IRWM Board members remains with their appointing authority.
- Sec. 3 - A majority of the seated members shall constitute a quorum for meetings of the NSV IRWM Board. A majority of the quorum is required to conduct business and make decisions.

ART. III OFFICERS AND TERMS OF OFFICE

- Sec. 1- The officers of the NSV IRWM Board shall be a Chair and Vice Chair to be elected by the full NSV IRWM Board at its first meeting of each calendar year.
- Sec. 2 - Officers shall assume office immediately upon election and serve until the first meeting of each calendar year, or until new Officers are elected.
- Sec. 3 - If an office, other than the Chair becomes vacant, the same shall be filled by a vote of the NSV IRWM Board and the appointee shall serve the unexpired term.
- Sec. 4 - If the Chair becomes vacant, the Vice Chair shall serve the unexpired term. Article III, Section 3 shall be referenced to fill the Vice Chair vacancy.

ART. IV DUTIES OF OFFICERS

- Sec. 1 - The Chair shall preside at all regular and special meetings of the NSV IRWM Board and shall appoint all committees unless otherwise provided for by these bylaws.
- Sec. 2 - The Vice Chair shall assume the powers and duties of the Chair in his or her absence, and shall succeed as Chair when a vacancy occurs in that office.
- Sec. 3 - The Chair, Vice Chair, and one Board member (appointed by the Board) will make up the Executive Committee for the Board. The Executive Committee will oversee and support consultants,

staff, the Technical Advisory Committee, and assist in developing meeting agendas.

ART. V EXPENSES

Sec. 1 - Members of the NSV IRWM Board may be reimbursed at the sole discretion of their appointing authority and subject to the reimbursement practices of that authority.

Sec. 2 - All incurred expenses are subject to approval and process set by the appointing authority.

ART. VI TECHNICAL ADVISORY COMMITTEE

Sec. 1 - The Technical Advisory Committee (TAC) is a working group with the purpose to advise the NSV IRWM Board and act as staff to the Board. The NSV IRWM Board will direct the activities of the TAC. Appointments to the TAC will be reconsidered every two years or as positions are vacated. The TAC shall include one staff person from each county, one landowner representative from each county, two Tribal representatives, one representative from the state Department of Water Resources (DWR), one representative from the Northern California Water Association (NCWA), and two “at-large” public interest representatives from within the region.

Sec. 2 - Board members are not eligible to serve on the TAC.

Sec. 3 - Landowner and staff appointments will be made by the Boards of Supervisors of each county.

Sec. 4 - The DWR and NCWA representatives shall be self-appointed from within their respective organization.

Sec. 5 - Tribal Representatives will be appointed by the Tribes in the NSV IRWM region. The Tribal Representatives appointments will be determined by the Tribes.

Sec. 6 - The “at-large” public interest representatives shall be appointed by the full NSV IRWM Board.

Sec. 7 - TAC members may be removed from service by their appointing authority. Notification will be sent to an appointing authority regarding any TAC member who misses two regular meetings in a rolling year without good cause. The authority for removal of County-Appointed TAC members remains with

their appointing Agencies. The authority for removal of self-appointed organization representatives remains with the appointing organization. The authority for removal of At-Large TAC members remains with the NSV IRWM Board.

ART. VII AMENDMENTS

- Sec. 1 - The Bylaws may be amended by proposals submitted in writing to the Chair who shall notify each member of the proposed amendment not less than 30 days before the date of the meeting at which the said amendment will be voted upon. A vote of at least two-thirds majority of the full NSV IRWM Board is required to amend the Bylaws.
- Sec. 2 - Unless otherwise stipulated, all amendments to the Bylaws shall become effective immediately following approval by the NSV IRWM Board.

ART. VIII RULES OF ORDER

- Sec. 1 - Roberts Rules of Order will be used only as a general guideline, subject to need and at the discretion of the Chair.
- Sec. 2 - Board meeting policies and procedures are outlined in Appendix I.

APPROVED BY NSV IRWM Board

By: (Board Chair name) ANN SCHWAB, CHAIR
Northern Sacramento Valley
Integrated Regional Water Management Board

ATTEST:

By: _____
CHRISTINA BUCK (TAC Chair name)
Technical Advisory Committee Member, NSV IRWM

Appendix I

NSV IRWM Board Meeting Policies and Procedures

The following policies and procedures have been adopted by the NSV IRWM Board in order to comply with the “Brown Act” – open meeting requirement.

Meetings and Agenda

At least two Regular meetings of the NSV IRWM Board will be held each year at locations within the Six County region and shall strive to meet the needs of all members. Special meetings of the Board will be held at times and places determined by the Chair. A Regular Meeting Schedule shall be adopted at the last regularly scheduled meeting of each year for the following year.

At least 72 hours prior to the NSV IRWM Board’s regularly scheduled meeting, an agenda for that meeting will be posted on the NSV IRWM website www.nsvwaterplan.org and shall be posted at the location of the meeting. Agendas for each special meeting will be posted at the same location at least 24 hours prior to the special meeting. The NSV IRWM Board’s agenda will be sent to the news media and individuals who have asked to be placed on the NSV IRWM Board’s mailing list. Such announcements shall be sent via e-mail to the extent possible.

By law, the NSV IRWM Board can only discuss and take action on items posted on the agenda. Items or subjects not posted on the agenda may be presented to the NSV IRWM Board, but the NSV IRWM Board may not discuss or act upon these items unless there is a determination, by at least a two-thirds vote of the NSV IRWM Board, that the need to take action on the item arose after the agenda was posted or that an emergency situation exists. It is the policy of the NSV IRWM Board that if a party had knowledge that actions would be required by the NSV IRWM Board, and that knowledge or need existed prior to the deadline for posting of the agenda, the NSV IRWM Board will not take action, but the Chair may refer the item to staff for placement on the next regularly scheduled NSV IRWM Board meeting. It shall also be the policy of the NSV IRWM Board that the “need” for any late additions to the agenda be substantiated in writing and filed with the NSV IRWM Board. The Chair may refer procedural matters to staff for action. (i.e. Items to be placed on subsequent agendas, investigative reports, etc.)

The NSV IRWM Board encourages members of the public to attend their meetings and to participate in the discussion of agenda items. Accordingly, it shall be the policy of the NSV IRWM Board to request public input on each item listed on the agenda, prior to the NSV IRWM Board taking an action on that item. Individuals desiring to address the NSV IRWM Board on items not posted on the agenda will be allowed to do so after the NSV IRWM Board has finished with the agenda.

To the extent possible, sub-committee meetings of the NSV IRWM Board shall abide by the Brown Act and be open to the General Public.

Appendix II

NSV IRWM Technical Advisory Committee Policies and Procedures

The following policies and procedures have been adopted by the NSV IRWM Board in order to guide the functions of the Technical Advisory Committee (TAC).

Purpose

The purpose of the TAC, as stated in Article VI of the NSV IRWM Board Bylaws, and restated here, is to advise the NSV IRWM Board and act as staff to the Board. It is anticipated that the TAC will review, discuss, provide input on, and formulate recommendations for consideration by the Board on technical issues related to the creation and implementation of the NSV IRWM Plan.

Officers, Executive Committee, Terms

At the first meeting of the calendar year, the members of the TAC shall elect officers, consisting of a Chair and a Vice Chair, and one additional individual to sit on the Executive Committee with the Chair and Vice Chair.

The officers shall assume office immediately upon election and serve until the first meeting of the following calendar year, or until new officers are elected.

If an office becomes vacant, the TAC will elect a replacement who shall serve for the remainder of the unexpired term.

The Chair shall preside at all regular and special meetings of the TAC and shall appoint all committees.

The Vice Chair shall assume the powers and duties of the Chair in his or her absence, and shall succeed as Chair when a vacancy occurs in that office.

~~At least four Regular meetings of the NSV IRWM TAC will be held each year at locations within the Six County region and shall strive to meet the needs of all members. Special meetings of the TAC will be held at times and places determined by the Chair. A Regular Meeting Schedule shall be adopted at the first meeting following the Board meeting in which a Board meeting schedule is adopted.~~

The Executive Committee will oversee and support consultants and staff in organizing meetings and developing agendas.

Meetings, Agenda, and Minutes

Meetings are to be held at least ~~four~~^{two} times per year on the third Wednesday of the month at a forum within the Six County region and shall strive to meet the needs of all members. Special meetings of the TAC will be held at times and places determined by the Chair. ~~A Regular Meeting Schedule shall be adopted at the last regularly scheduled meeting of each year for the following year, a Regular Meeting schedule for the following year shall be recommended to the Board.~~ A Regular Meeting Schedule shall be adopted at the first meeting following the Board meeting in which a Board meeting schedule is adopted.

Regular meetings of the TAC (as is the case with the NSV IRWM Board) will comply with Brown Act open meeting requirements. Special meetings of the TAC will be held at times and places determined by the Chair.

At least 72 hours prior to the TAC's regularly scheduled meeting, an agenda for that meeting will be posted on the NSV IRWM website www.nsvwaterplan.org and shall be posted at the location of the meeting. Agendas for each special meeting will be posted at the same locations at least 24 hours prior to the special meeting. The TAC agenda will be sent to the news media and individuals who have asked to be placed on the NSV IRWM Board's mailing list. Such announcements shall be sent via e-mail to the extent possible.

By law, the TAC can only discuss and take action on items posted on the agenda. Items or subjects not posted on the agenda may be presented to the TAC.

The NSV IRWM Board encourages members of the public to attend the TAC meetings and to participate in the discussion of agenda items. Accordingly, it shall be the policy of the NSV IRWM Board to request public input on each item listed on the TAC agenda, prior to the TAC taking an action on that item. Individuals desiring to address the TAC on items not posted on the agenda will be allowed to do so after the TAC has finished with the agenda.

To the extent possible, sub-committee meetings of the TAC shall abide by the Brown Act and be open to the General Public.

Meeting Rules of Order and Decision making

Robert's Rules of Order will be used to conduct the meetings, but only as a general guideline.

One primary deviation from Robert's Rules of Order, is that the TAC decision making process for all substantive recommendations to the NSV IRWM Board will proceed by "consensus". "Consensus" for the purposes herein will be defined as "a state of mutual agreement among the members of the TAC on an agenda item at an appropriately noticed meeting of the Committee where all relevant concerns of the members have been considered and no member chooses to block the recommendation from going forward". If, after significant and deliberate effort by the TAC, the Committee is unable to come to a consensus, a majority and minority opinion will be drafted and both opinions will be forwarded to the NSV IRWM Board, from the TAC, for resolution of the issue.

STAFF REPORT

TO: Northern Sacramento Valley Integrated Regional Water Management
Technical Advisory Committee (TAC)

FROM: Lisa Hunter, Glenn County TAC Representative

SUBJECT: Agenda Item 6
Discussion and assignment of TAC Member Roles and Responsibilities

DATE: August 21, 2024

Background/Discussion

During initial development of the NSV IRWM Plan (IRWMP), an implementation strategy was developed and included in Chapter 6 of the IRWMP. This included a strategy for maintaining the NSV IRWMP through in-kind services provided by each participating county. In February 2022, the TAC discussed TAC member roles and responsibilities based on commitments made during the development of the NSV IRWM and changes in staffing across the counties. It was intended to revisit the roles and responsibilities on a regular interval and update as needed.

More detail on the initial implementation strategy can be found in the attached Table 6-3 of the NSV IRWM Plan (IRWMP) and the IRWMP Chapter 6 at: <https://nsvwaterplan.org/wp-content/uploads/mdocs/121912 ce6 Ch6 - Implementation Strategy.pdf>

Recommendation

Review and assign TAC member roles and responsibilities.

Attachments:

1. NSV IRWMP Table 6-3
2. Draft Table of TAC member roles and responsibilities
3. Potential speakers

Table 6-3. Estimated Future Annual Costs for NSV Board Financing After IRWMP Adoption^(a)

Task No.	Tasks	Quantity	Estimated Cost ^(b)			Notes ^(c)
			In-Kind	Out-of-Pocket	Total	
1	Board Meetings	2	\$ 7,690	\$ -	\$ 7,690	Two Board meetings per year, all tasks by County Staff. In-Kind support services assumed to be provided by Butte County as lead with support from Tehama County.
2	TAC Meetings	4	\$ 15,380	\$ -	\$ 15,380	Four TAC meetings per year, all tasks by County Staff. In-Kind support service assumed to be provided by Butte County as lead with support from Tehama County.
3	Website	1	\$ 6,480	\$ -	\$ 6,480	All work to be performed by County Staff. In-Kind support services assumed to be provided by Shasta County for server hosting and website maintenance, with Colusa County leading the content management task for website.
4	Data Management System	1	\$ 10,440	\$ -	\$ 10,440	All work assumed to be performed by County Staff (might need some assistance from local computer consultants). In-Kind support services assumed to be led by Shasta County with support from Colusa or Butte Counties.
5	Accepting/logging public comments	1	\$ 4,320	\$ -	\$ 4,320	All work by County Staff. In-Kind support services assumed to be led by Colusa County, with support from Shasta County.
6	Press releases/letters to Tribes	1	\$ 2,700	\$ -	\$ 2,700	All work by County Staff. In-Kind support services assumed to be led by Butte County, with support from Tehama County.
7	Grant Applications and Administration	0	\$ -	\$ -	\$ -	All work by project proponents, no cost to RWMG.
8	Grant Application Coordination	1	\$ 14,400	\$ -	\$ 14,400	RWGM support for grant applications, review, meetings, etc. All work by County staff. In-Kind support services assumed to be led by Sutter County with support from Glenn County.
9	Public workshops/meetings	0	\$ -	\$ -	\$ -	No public workshops assumed to be included in this budget
10	Additional First Year One Time Costs					
	10a Transition of website	1	\$ -	\$ 6,000	\$ 6,000	Website migration by Computer Consultant.
	10b Data Management Site Preparation ^(d)	1	\$ -	\$ 54,000	\$ 54,000	New Data Management System created by Computer Consultant.
	Task 10 Subtotal			\$ 60,000	\$ 60,000	\$60,000 cost is sum of items 10a + 10b presented in the budget item lines above. Currently assumed that each county will be responsible for contributing \$10,000 each.
Total First Year Cost			\$ 61,410	\$ 60,000	\$ 121,410	First Year cost includes Item 10.
Total Annual Cost Year 2 onward			\$ 61,410	\$ -	\$ 61,410	

^(a) Includes assumed labor cost of County Staff (including County IT Staff) at \$90/hour, Engineering Consultant at \$190/hour, and local Computer Consultant at \$100/hour.

^(b) Levels of effort based on historical West Yost levels of effort, or as estimated by West Yost and sub-consultants.

^(c) Although the County identified as the tentative lead/co-lead for each task, it is understood that all counties will be actively participating in all tasks.

^(d) Could be new site or transition of SWIM site. If no online project tracking, another method to consolidate data obtained by IRWM projects and coordinate with State databases must be developed.

2024 TAC Assignments- DRAFT for DISCUSSION				
Chair – 2024 (to be rotated yearly)	Lisa			
Vice Chair – 2024 (to be rotated yearly)	Guadalupe			
JEC	Lisa, Guadalupe, Christina			
JEC Coordination (Chair)	Lisa			
Board/TAC Agenda Development	JEC			
TAC Report to the Board (V. Chair)	Guadalupe			
Speaker Recruitment	All			
Speakers TAC	Spring & Fall- DWR; see potential speaker list			
Speakers Board	Spring & Fall- DWR; see potential speaker list			
MCFA Prop 1 and Tech Asst	Christina			
Prop 1 Round 1 Grant/ manage/report	Christina			
Prop 1 Round 2 Grant application/ manage/report (SRFA)	Guadalupe			
Prop 1 Round 2 Grant application/ manage/report (MCFA)	Christina			
Future Grant Management	TBD			
DACTI Rep for MCFA	Christina			
DACTI Rep for SRFA	Christina			
Round Table of Regions Rep (Chair + 1 Backup)	Charleen/Lisa			
Point of contact for state and outside groups (Chair)	Lisa			
Coordinate solicitation for TAC/Board at-large vacancies (Chair/J)	Lisa/JEC	Advertise vacancy in each County		
County Staff Tasks				
Maintain and add to Project List	??	Tehama or Colusa? Previously: Lisa, Lester (Future: Explore ways to streamline)		
Board/TAC Minutes	Lisa	Anyone else interested?		
TAC Packets/meeting notices	Autum/Butte County			
Maintain Contact List; Distribute Agendas	Autum/Butte County			
Board Packets/meeting notices (Chair + Butte Co)	Lisa/Autum/Butte County			
Coordinate Meeting Room/Hybrid Meeting	Lisa			
FPPC Contact/Coordination	Lisa	Anyone else interested?		
Website Hosting	Shasta County			
Website Content	??	Colusa? Previously Lisa		

Topic	Speaker	Target Audience (TAC/Board)	Target Date	Notes
COD Basins		Board		Maybe a webinar?
Forecast Informed Reservoir Operations (FIRO)	John James/Yuba System?	Board	mid-2023	Shasta, Oroville, Black Butte
Spring Groundwater Conditions	DWR			Annually
Fall Groundwater Conditions	DWR			Annually
Updates from projects that received funding through NSV IRWM				started list below- Project Updates: Project
Arbuckle Area Groundwater Recharge Project	Bill Vanderwaal/Kristin Sicke	Board	5/1/2023	Done
Land IQ	Joel Kimmelshue	Board	11/6/2023	Suggestion from Board Meeting 11/7/22; Tod to coordinate for the 11/6/23 Board meeting; Done
Public Trust	Rick Frank			Suggestion from Board Meeting 11/7/22
Tulare Basin Watershed Network				Suggestion from Board Meeting 11/7/22
Future conditions (hotter dryer climate, unpredictable weather patterns, increased population, increased water use)				Suggestion from Board Meeting 11/7/22
Voluntary Agreements / Agreements to Support Healthy Rivers and Landscapes				
AEM data				Done 10/18/23 TAC
Floodplain Salmon Projects (NCWA)				From TAC member responsibilities notes
Davis Ranches (TNC)				From TAC member responsibilities notes
GSP Priority Projects				From TAC member responsibilities notes
Glenn County Well Ordinance Updates/ Tehama permitting activities	Grant Carmon overview GC, Matt Hansen overview TC	TAC/Board		Done at 6/21/23 TAC
GSA Funding				T Kimmelshue; could be at SGMA updates or separate item
GSP Review status	GSAs		fall 2023	when reviews come in
Groundwater Quality Protection Targets related to nitrates/nitrogen	Water Board?			suggested by Bruce Houdesheldt 5/1/23 board meeting; would help coordinate
Aquifer Storage and Recovery (ASR) Wells and other similar recharge projects	Michael Ducker (Carollo); Eddy Teasdale (LSCE); William Jow (City of Yuba City)	TAC?	1st meeting 2024	Suggestion from William Jow @ 10/18/23 TAC; see emails from 10/23/23 regular updates?
SB 552 implementation				suggestion at 10/18/23 TAC meeting
Recharge, permitting, legal implications, ownership				Eric Johnson 10/18/23 TAC
Groundwater Recharge as alternative to Sites				
Black Butte operations	US Army Corps	Board	Jun-24	from Grant Carmon at 1/19/24 JEC
Rules/regulations for basins/ponds				
ASR		TAC		refer to William Jow's email
Project Updates: Rock Creek Feasibility Study				connect with Christina to coordinate
Project Updates: Oroville project (SCORE?)				not complete, but close, connect with Christina to coordinate
Project Updates: Live Oak?				
DWR support for temporary water right permits	Jenny Marr			
California Water Plan				