



# BUTTE COUNTY WATER COMMISSION

## REGULAR MEETING AGENDA AUGUST 7, 2024 1:30 PM

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### MEMBERS OF THE COMMISSION

DONNA BAYLISS, DISTRICT 1  
TOVEY GIEZENTANNER,  
DISTRICT 2  
AIMEE RAYMOND, DISTRICT 3  
FRED MONGOMERY, DISTRICT 4  
MAUNY ROETHLER, DISTRICT 5  
DISTRICT WATER  
LANDOWNERS  
MATTHEW TENNIS  
DONNIE STINNETT  
PRIVATE WELL LANDOWNERS  
DAVIN ARVONEN  
GEORGE "ERNIE" WASHINGTON

MEETING LOCATION  
BOARD OF SUPERVISORS CHAMBERS  
25 COUNTY CENTER DRIVE, SUITE 205  
OROVILLE, CALIFORNIA

#### 1. CALL TO ORDER

- a. Roll Call
- b. Pledge of Allegiance

#### 2. APPROVAL OF MINUTES

- a. \*Approval of the Minutes for the April 3, 2024 Meeting

#### 3. PUBLIC MEMBERS WISHING TO ADDRESS THE COMMISSION ON ITEMS NOT LISTED ON THE AGENDA

The Water Commission is prohibited by law from taking action on any item presented if it is not listed on the agenda. Comments will be limited to three (3) minutes per person.

#### 4. PRESENTATIONS

- a. Resolution of the Butte County Water Commission Honoring Mr. Lance Tennis
- b. \*Presentation on Groundwater Levels and Hydrological Conditions
- c. Updates on the Sustainable Groundwater Management Grant Program Projects, Vina GSA and Wyandotte Creek GSA
- d. Discussion of Water Supply and Recharge Project with Possible Recommendation and Formation of an AdHoc Committee
- e. \*Presentation of SB 552 and the Drought Resilience Plan

**5. UPDATES**

- a. Butte Subbasin and County of Butte GSA**
- b. Tuscan Water District**
- c. Integrated Regional Water Management (IRWM)**

**6. OTHER BUSINESS**

**7. FUTURE MEETING DATES AND AGENDA ITEMS**

- a. Date and Location of the Next Meeting: October 2, 2024, 1:30 pm**  
Butte County Board of Supervisors Chambers  
25 County Center Drive, Oroville
- b. Requests of the Water Commission for Future Agenda Topics**

**8. COMMISSIONERS WISHING TO ADDRESS ITEMS NOT LISTED ON THE AGENDA**

The Water Commission is prohibited by state law from taking action on any item presented if it is not listed on the agenda.

**9. COMMUNICATIONS RECEIVED AND FILED**

Copies of all communications are available at the Butte County Department of Water and Resource Conservation, 308 Nelson Avenue, Oroville, California, and are attached in the agenda packet. Items marked with a double asterisk (\*\*) were emailed to the Water Commissioners prior to this meeting for informational purposes.

- a. \*Communications Received and Referred to the Butte County Water Commission**

**10. ADJOURNMENT**

Members of the public may attend in person or view the Water Commission remotely as view only.

Provide Public Comment - Members of the public can submit public comment in one of two ways:

- 1. In person by attending the meeting at 25 County Center Drive.
- 2. Email [BCWater@ButteCounty.net](mailto:BCWater@ButteCounty.net). When submitting public comment via email, please indicate the item number your comment corresponds to in the subject line. Comments submitted before 12:00 p.m. (noon) will be sent to the full Water Commission electronically prior to the start of the meeting; while comments submitted after 12:00 p.m. will be read into the record at the end of the corresponding item number. Comments received after an agenda item has been heard will be made part of the record if received prior to the end of the meeting.

Comments are limited to one comment, per item, per attendee and are to be no more than three minutes in length.

Individuals who need special assistance or a disability-related modification or accommodation to participate in this meeting, or who have a disability and wish to request an alternative format for the

meeting materials, should contact [BCWater@buttecounty.net](mailto:BCWater@buttecounty.net) as soon as possible to ensure arrangements for accommodation.

The video of the Water Commission meeting and related materials will be posted at <https://www.buttecounty.net/1221/Water-Commission>

\*Materials attached

CC: Water Commission Mailing List, Window Posting

# Water Supply and Recharge Project

Water Commission

August 7, 2024

Christina Buck, Asst. Director

Jenny Scheer, Water and Land Solutions





## Water Supply and Recharge Project

- Identify two most promising water supply projects and complete feasibility analysis
- Identify potential recharge pilot projects
  - Collect data at site
  - Conduct recharge, if feasible
  - Lessons learned

# Water sources for irrigation

- Lake Oroville – convey Butte County Table A water to farmland, recharge basins, or water treatment plant
- Sacramento River – existing water rights or exchange Table A
- Feather River from Ridge to Chico – Table A, Miocene, or PID
- Butte Creek – use of additional surface water within Durham Mutual Water Company or by other diverters
- Recycled water – from Chico treatment plant

## Potential future agricultural surface water supplies from various existing sources

Existing Surface Water Supply Source	Surface Water Conveyance	Surface Water Use
Miocene Canal (PG&E)	Miocene Canal; Feather River	Southeast Vina Subbasin near the intersections of Highways 70, 99, and 149
Butte County Table A (Lake Oroville)	Butte Creek; TBD	South Vina
Feather River Diverters (ex. Western Canal Water District, Butte Water District)	Butte Creek; TBD	South Vina
Sacramento River (ex. riparian water rights)	TBD	North or South Vina
Recycled water (e.g. City of Chico wastewater)	Existing conveyance	South Vina
Paradise Irrigation District (Butte Creek)	Butte Creek; TBD	South Vina
Durham Mutual Water Company (DMWC) (Butte Creek)	Existing DMWC conveyance; new conveyance	DMWC service area; Rancho Esquon (South Vina)

# Priorities

- What should be key priorities of any water supply project?
- Are there potential sources that should not be on the list, and why?
- Are there other supplies that are not on the list but could be?
- Which water source or project do you think is most promising and why? Least promising?

# Project Outline- (~18 months)

- Stakeholder and public meetings over next couple of months to build out project list and identify key priorities.
- Project team will identify four projects for “fatal flaw analysis” for Water Commission consideration. Water Commission will give direction on which four projects will be analyzed.
- Presentation and discussion of Fatal Flaw Analysis → selection of two projects for Feasibility Study. Water Commission to provide recommendation, Board of Supervisors to select two projects.
- Conduct and finalize Feasibility Study on two projects. Present results.