



Tehama County Flood Control and Water Conservation District  
Board of Directors  
Meeting Date: April 15, 2024  
Prepared By: Nichole Bethurem

## **Corning Subbasin Demand Management Resolution Amendment**

### **Requested Action(s)**

RESOLUTION - Request an amendment to Resolution No. 2-2024 establishing a Demand Management Program for the Corning Subbasin, with the inclusion of revised language following the April 4, 2024 Flood Control Board of Directors meeting.

### **Background Information:**

As part of the Corning Subbasin GSP determination response, it has been recommended the GSAs develop a demand management program.

During the April 4, 2024 Joint Tehama County Flood Control and Water Conservation District Board of Directors and Corning Sub-basin GSA meeting, the Board of Directors adopted Resolution No. 2-2024 establishing a demand management resolution for the Corning Subbasin.

The resolution has been modified to include the following language:

Within 90 days of the adoption of this Resolution, the responsible groundwater sustainability agency shall review its procedure for providing a consistency determination for groundwater well applications pursuant to Executive Order N-3-23. To the extent allowed by law, the responsible groundwater sustainability agency may amend or revise the procedures to address any new demands that may contribute to overdraft and adversely impact the achievement of groundwater sustainability pursuant to the amended groundwater sustainability plan (GSP) submitted to the Department of Water Resources (DWR) on April 23, 2024.

The language above has been included in the resolution presented to the Corning Sub-basin GSA on April 11, 2024.

### **Attachment List:**

Amended Corning Demand Management Reso (with Revised Language) (PDF)

## Resolution No. 2-2024

### A RESOLUTION OF THE TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF DIRECTORS ESTABLISHING A DEMAND MANAGEMENT PROGRAM FOR THE CORNING SUBBASIN

**WHEREAS**, groundwater and surface water resources within the Corning Subbasin are vitally important resources for all beneficial uses and users, and to maintain the economic viability, prosperity, and sustainability of the Subbasin; and

**WHEREAS**, in 2014 the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act, California Water Code § 10720-10737.8 (SGMA), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor on September 16, 2014. and went into effect on January 1, 2015; and

**WHEREAS**, the Subbasin has been designated by the California Department of Water Resources (DWR) as a high-priority subbasin and is subject to the requirements of SGMA; and

**WHEREAS**, SGMA requires that all medium and high priority groundwater basins in California be managed by a GSA and that such management be implemented pursuant to an approved Groundwater Sustainability Plan (GSP); and

**WHEREAS**, in January of 2022, the Corning Sub-basin GSA (CSGSA) and Tehama County Flood Control and Water Conservation District (the District), collectively the GSAs, submitted the Corning Subbasin GSP to DWR; and

**WHEREAS**, in October of 2023, DWR determined the GSP was incomplete and would require revisions prior to being determined as adequate under SGMA; and

**WHEREAS**, SGMA defines sustainability as the management of groundwater that can be maintained during the 20-year GSP Implementation Period without causing undesirable results; and

**WHEREAS**, under SGMA the GSAs are responsible for managing groundwater under the GSP to achieve and maintain sustainability according to conditions after SGMA was effective that are caused by groundwater management in the Subbasin; and

**WHEREAS**, it is acknowledged that sustainable management may result in some groundwater level decline during the GSP Implementation Period prior to achieving sustainable groundwater conditions by or before 2042 and this decline may give rise to adverse impacts to some wells; and

**WHEREAS**, the GSAs acknowledge that during the GSP Implementation Period it will be necessary to implement projects and management actions to achieve and maintain sustainable groundwater conditions in the Subbasins by or before 2042; and

**WHEREAS**, it is acknowledged that successful implementation of planned GSP projects to achieve their intended recharge benefits during the 20-year GSP Implementation Period (prior to 2042) is dependent in part on uncertainties related to hydrologic conditions, including precipitation and snowpack, and available water supply during that time period; and

**WHEREAS**, the GSAs acknowledge that implementation of management actions will be necessary to offset these uncertainties related to project implementation and project benefits to ensure that sustainable groundwater conditions are achieved in the Subbasin by or before 2042; and

**WHEREAS**, it is acknowledged that wet hydrologic conditions and faster implementation of projects may result in diminished need for management actions, and

**WHEREAS**, the GSAs acknowledge that dry hydrologic conditions, prolonged drought, and delayed implementation of projects may result in an accelerated need for management actions; and

**WHEREAS**, the GSAs recognize that in order to obtain a determination that the GSPs are adequate, DWR is seeking a firm commitment from the GSAs for their consideration of management action(s) to address and mitigate overdraft and groundwater level decline during their management of the Subbasin; and

**WHEREAS**, the GSAs acknowledge that they cannot control groundwater conditions not caused by actions taken by the GSA; and

**WHEREAS**, the GSAs acknowledge that SGMA requires sustainable groundwater management; however, SGMA does not make GSAs responsible for injury from overdraft; and

**WHEREAS**, the GSAs acknowledge that management action(s) to address and mitigate overdraft, groundwater level decline, and subsidence will be implemented in coordination with other related programs in the Subbasin and in the region, as applicable.

**NOW, THEREFORE BE IT RESOLVED**, in consideration of the conditions contained herein and these Recitals, which are hereby incorporated herein by this reference, the Tehama County Flood Control and Water Conservation District has committed to review, consider, and undertake mitigation actions for demand management through development of a Demand Management Program (Program) as follows:

## 1. PROGRAM MEASURES

Within 90 days of the adoption of this Resolution, the responsible groundwater sustainability agency shall review its procedure for providing a consistency determination for groundwater well applications pursuant to Executive Order N-3-23. To the extent allowed by law, the responsible groundwater sustainability agency may amend or revise the procedures to

address any new demands that may contribute to overdraft and adversely impact the achievement of groundwater sustainability pursuant to the amended groundwater sustainability plan (GSP) submitted to the Department of Water Resources (DWR) on April [xx], 2024.

The Program is anticipated to include some subset of the following Program measures:

- Measures to be considered and moved forward for **immediate implementation (at the Program start date)**. Measures may include, but are not limited to, the following voluntary measures for reducing demand:
  - Best management practices (agronomic practices, soil moisture monitoring and management, delayed irrigation and/or regulated deficit irrigation, runoff capture, etc. to reduce groundwater extraction)
  - Water conservation (focusing on activities to reduce consumptive use and groundwater extraction)
  - Encouraging use of all available surface water in lieu of groundwater pumping
  - Multi-benefit land repurposing (e.g., recharge basins, renewable energy, habitat, recreational spaces)
  - Incentivized land use changes that provide net groundwater benefit
  - Dry farming
  - Fallowing (not associated with groundwater substitution transfers)
- Measures to be considered and moved forward for **phased adaptive implementation** (i.e., develop the actions further so that they are ready to implement in phases, commensurate with issues). Measures may include, but are not limited to:
  - Allocations, considering:
    - Well restrictions
    - Pumping restrictions
    - Water market/trading and/or fee structures
- Phased adaptive implementation measures are to be implemented commensurate with:
  - The amount of demand reduction required.
  - The issue(s) facing the area(s) where the measure(s) are to be implemented, considering, but not confined to:

- Options for regional implementation of certain actions (around a “Special Zones” where undesirable results are occurring), and/or
- Options for Subbasin-wide implementation of certain actions (equal treatment of the Subbasin as a whole).
- Options for Management Area-wide implementation of certain actions (equal treatment for all subbasins within the Subbasin or the entirety of the Subbasin)

## 2. FUNDING AND FINANCING

The District and CSGSA will fund the Program through long term GSA funding mechanisms as determined by the District Board and CSGSA respectively.

Estimated expenses for the Program are difficult to ascertain due to the significant variables involved. However, budgetary numbers will range from \$150,000 to \$1,000,000 annually.

However, these numbers are only estimated for planning purposes and are subject to revision during Program development.

It is anticipated that the Program funding will come from one, or a combination, of the following sources established by the Parties:

- GSA fees and assessment
- Funds generated through implementation of other projects and management actions (e.g., fines and/or penalties)
- County/state/federal funding, as available
- Other sources, as identified

## 3. TERM

The Program shall be developed and implementation shall begin no later than January 1, 2027 (the Program start date). Upon implementation, the Program shall continue in perpetuity unless otherwise directed by the GSAs.

## 4. PROGRAM DEVELOPMENT

The GSAs shall, as part of Program development, define the Program’s purpose, objectives, scope, roles and responsibilities, requirements, and potential outcomes.

The anticipated goal of the Program is to address and mitigate overdraft and groundwater level decline, and related undesirable results during the

GSP Implementation Period, as defined in the Revised GSP, by reducing demand for groundwater.

Items for consideration during Program development include, but are not limited to:

- Definitions
- Program measures, including:
  - Measures for immediate implementation (i.e., measures that will move forward at the Program start date)
  - Measures for phased adaptive implementation (i.e., measures that will be developed further so that they are ready to implement in phases, commensurate with issues)
- Public outreach and engagement process
- Coordination of Program with other related programs in the region, as applicable
- Implementation considerations and protocol for phased adaptive implementation measures:
  - Identification of area(s) where measures are applicable
  - Determination of sustainable yield for those areas
  - Determination of an appropriate transition period from current to sustainable conditions (prior to 2042), considering uncertainties of the basin setting and of the timelines for other projects.
  - Process and timeline for implementing phased measures.
  - Process and timeline for evaluating and adapting measures to respond to changing conditions (in annual reports and periodic GSP evaluations).
  - Considerations for allocation development and enforcement, as applicable, related to consumed versus extracted groundwater.
  - Monitoring and enforcement process
  - Funding and financing, including the planned annual Program funding responsibilities.

## **5. PROGRAM IMPLEMENTATION AND MANAGEMENT**

It is anticipated that a committee will be formed to create and set the final terms of the Program. The final implementation and management of the Program will be approved by the GSAs prior to the program start date.

## **6. ENVIRONMENTAL REVIEW**

The GSAs will complete any environmental review as may be determined necessary for Program implementation.

The foregoing Resolution was offered by Director \_\_\_\_\_ and seconded by Director \_\_\_\_\_ on April 4, 2024 and adopted by the following vote:

AYES:

NOES:

ABSENT OR NOT VOTING:

STATE OF CALIFORNIA    )  
  )  
COUNTY OF TEHAMA    )

I, JENNIFER VISE, County Clerk and ex-officio Clerk of the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California, hereby certify the above and foregoing to be a full, true and correct copy of a resolution adopted by said Board of Directors on the \_\_\_\_ day of April 2024.

Dated: \_\_\_\_\_

JENNIFER A. VISE, County Clerk and ex-officio  
Clerk of the Board of Directors of the Tehama  
County Flood Control and Water Conservation District,  
State of California

By: \_\_\_\_\_  
Deputy





Tehama County Flood Control and Water Conservation District  
Board of Directors  
Meeting Date: April 15, 2024  
Prepared By: Nichole Bethurem

**Resolution Establishing a Demand Management Program for the Red Bluff,  
Antelope, and Los Molinos Subbasins**

**Requested Action(s)**

RESOLUTION - Request the adoption of Resolution No. 4-2024 establishing a Demand Management Program for the Red Bluff, Antelope, and Los Molinos Subbasins.

**Background Information:**

As part of the GSP determination response for the Red Bluff, Antelope, and Los Molinos Subbasins, it has been recommended the GSA develop a demand management program.

During the April 4, 2024 Joint Tehama County Flood Control and Water Conservation District Board of Directors and Corning Sub-basin GSA meeting, the Board of Directors adopted Resolution No. 2-2024 establishing a demand management resolution for the Corning Subbasin.

The resolution has been amended to include the following language, which has been included the attached resolution for the remaining subbasins:

Within 90 days of the adoption of this Resolution, the responsible groundwater sustainability agency shall review its procedure for providing a consistency determination for groundwater well applications pursuant to Executive Order N-3-23. To the extent allowed by law, the groundwater sustainability agency may amend or revise the procedures to address any new demands that may contribute to overdraft and adversely impact the achievement of groundwater sustainability pursuant to the amended groundwater sustainability plan (GSP) submitted to the Department of Water Resources (DWR) on April 23, 2024.

**Attachment List:**

RB, Ant, LM Demand Management Resolution - March 2024 (PDF)



## Resolution No. 4 – 2024

### RESOLUTION OF THE TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF DIRECTORS ESTABLISHING A DEMAND MANAGEMENT PROGRAM FOR THE ANTELOPE, RED BLUFF AND LOS MOLINOS SUBBASINS

**WHEREAS**, groundwater and surface water resources within Tehama County are vitally important resources for all beneficial users, and to maintain the economic viability, prosperity, and sustainability of the County; and

**WHEREAS**, in 2014 the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act, California Water Code § 10720-10737.8 (SGMA), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor on September 16, 2014. and went into effect on January 1, 2015; and

**WHEREAS**, the Subbasins have been designated by the California Department of Water Resources (DWR) as medium and high-priority subbasins and are subject to the requirements of SGMA; and

**WHEREAS**, SGMA requires that all medium and high priority groundwater basins in California be managed by a GSA and that such management be implemented pursuant to an approved Groundwater Sustainability Plan (GSP); and

**WHEREAS**, in January of 2022, the Tehama County Flood Control and Water Conservation District (the District) submitted GSPs to DWR; and

**WHEREAS**, in October of 2023, DWR determined the GSPs were incomplete and would require revisions prior to being determined as adequate under SGMA; and

**WHEREAS**, SGMA defines sustainability as the management of groundwater that can be maintained during the 20-year GSP Implementation Period without causing undesirable results; and

**WHEREAS**, under SGMA the GSAs are responsible for managing Groundwater under the GSP to achieve and maintain sustainability according to conditions after SGMA was effective that are caused by groundwater management in the Subbasin; and

**WHEREAS**, it is acknowledged that sustainable management may result in some groundwater level decline during the GSP Implementation Period prior to achieving sustainable groundwater conditions by or before 2042 and this decline may give rise to adverse impacts to some wells; and

**WHEREAS**, the District acknowledges that during the GSP Implementation Period it will be necessary to implement projects and management actions to achieve and maintain sustainable groundwater conditions in the Subbasins by or before 2042; and

**WHEREAS**, it is acknowledged that successful implementation of planned GSP projects to achieve their intended recharge benefits during the 20-year GSP Implementation Period (prior to 2042) is dependent in part on uncertainties related to hydrologic conditions, including precipitation and snowpack, and available water supply during that time period; and

**WHEREAS**, the District acknowledges that implementation of management actions will be necessary to offset these uncertainties related to project implementation and project benefits to ensure that sustainable groundwater conditions are achieved in the Subbasin by or before 2042; and

**WHEREAS**, it is acknowledged that wet hydrologic conditions and faster implementation of projects may result in diminished need for management actions, and

**WHEREAS**, the District acknowledges that dry hydrologic conditions, prolonged drought, and delayed implementation of projects may result in an accelerated need for management actions; and

**WHEREAS**, the District recognizes that in order to obtain a determination that the GSPs are adequate, DWR is seeking a firm commitment from the District for their consideration of management action(s) to address and mitigate overdraft and groundwater level decline during their management of the Subbasin; and

**WHEREAS**, the District acknowledges that they cannot control groundwater conditions not caused by actions taken by the GSA; and

**WHEREAS**, the District acknowledges that SGMA requires sustainable groundwater management; however, SGMA does not make GSAs responsible for injury from overdraft; and

**WHEREAS**, the District acknowledges that management action(s) to address and mitigate overdraft, groundwater level decline, and subsidence will be implemented in coordination with other related programs in the County of Tehama and in the region, as applicable.

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## 1. PROGRAM MEASURES

Within 90 days of the adoption of this Resolution, the responsible groundwater sustainability agency shall review its procedure for providing a consistency determination for groundwater well applications pursuant to Executive Order N-3-23. To the extent allowed by law, the responsible groundwater sustainability agency may amend or revise the procedures to address any new demands that may contribute to overdraft and adversely impact the achievement of groundwater sustainability pursuant to the amended groundwater sustainability plan (GSP) submitted to the Department of Water Resources (DWR) on April 23, 2024.

The Program is anticipated to include some subset of the following Program measures:

- Measures to be considered and moved forward for **immediate implementation (at the Program start date)**. Measures may include, but are not limited to, the following voluntary measures for reducing demand:
  - Best management practices (agronomic practices, soil moisture monitoring and management, delayed irrigation and/or regulated deficit irrigation, runoff capture, etc. to reduce groundwater extraction)
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## 2. FUNDING AND FINANCING

The District will fund the Program through long term GSA funding mechanisms as determined by the District Board.

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It is anticipated that the Program funding will come from one, or a combination, of the following sources established by the Parties:

- GSA fees and assessment
- Funds generated through implementation of other projects and management actions (e.g., fines and/or penalties)
- County/state/federal funding, as available
- Other sources, as identified

## 3. TERM

The Program shall be developed and implementation shall begin no later than January 1, 2026 (the Program start date). Upon implementation, the Program shall continue in perpetuity unless otherwise directed by the District.

## 4. PROGRAM DEVELOPMENT

The District shall, as part of Program development, define the Program's purpose, objectives, scope, roles and responsibilities, requirements, and potential outcomes.

The anticipated goal of the Program is to address and mitigate overdraft and groundwater level decline, and related undesirable results during the GSP Implementation Period, as defined in the Revised GSP, by reducing demand for groundwater.

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  - Process and timeline for evaluating and adapting measures to respond to changing conditions (in annual reports and periodic GSP evaluations).
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The foregoing Resolution was offered by Director \_\_\_\_\_ and seconded by Director \_\_\_\_\_ on April 4, 2024 and adopted by the following vote:

AYES:

NOES:

ABSENT OR NOT VOTING:

STATE OF CALIFORNIA    )  
  )  
COUNTY OF TEHAMA    )

I, JENNIFER VISE, County Clerk and ex-officio Clerk of the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California, hereby certify the above and foregoing to be a full, true and correct copy of a resolution adopted by said Board of Directors on the \_\_\_\_ day of April 2024.

Dated: \_\_\_\_\_

JENNIFER A. VISE, County Clerk and ex-officio  
Clerk of the Board of Directors of the Tehama  
County Flood Control and Water Conservation District,  
State of California

By: \_\_\_\_\_ Deputy