



## DRAFT SLIDES

# Demand Management Working Group Meeting #5

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December 18, 2024



# Demand Management Programs | Ad Hoc and Working Group Meeting Framework / Timeline

## 1. Form Groups & Prepare

- Formation & Planning
- Defining Goals, Objectives, and Priorities

## 2. Gather Info and Generate Ideas

- Information Collection and Analyses/ Assessments
- Identify Management Strategies

## 3. Explore and Package Ideas

- Build Out Specific Elements and Strategies
- Outreach Coordination

## 4. Refine

- Vet and refine program elements and strategies

## 5. "Finalize" and Implement

- Finalize elements for Ad Hoc recommendations
- Identify considerations and opportunities to improve implementation feasibility



**GSA Boards Review/Consider for Approval**

**Jan 2026:**  
RB, Ant, LM  
**Jan 2027:**  
Corning

Mtg 1: Above items plus criteria and info requests

Mtg 2: Program Outline and WG Input

Mtg 3: WG Outputs

Mtg 2: Info Requests, Assessing Sustainable Yield

Mtg 3 & 4: Revising polygon approach

Mtg 4 & 5: DM examples

Mtg 5: SY per polygon

- 8:30 Welcome and round-robin introductions
- 8:35 Agenda review and participation
- 8:40 Updates
- 8:50 Demand Management Example
- 9:15 Assessing Safe Yield for Revised Polygons
- 9:45 Hypothetical Exploration: Allocation with Transitional Water Approach?
- 10:25 Future Working Group Activities and Next Steps
- 10:30 Adjourn

# Agenda

## Participation Procedures

- Contribute
- Make room for others
- All thoughts have value
- Ask questions of one another
- Not consensus-seeking
- Consider those listening in (state name, one voice at a time)

- Previous Meeting Follow-Up and Updates
- Today's Meeting Objectives

## Working Group Updates

# Meeting 4 Recap and Updates

- Mtg 4 Recap:
  - WG recommendation on polygon approach: go w/ RMS wells and recommended non-RMS wells; Thiessen OK as starting point
  - WG recommendation on SY calculation: Staff/consultant-recommended SY calculation approach is good enough starting point to DM conversation
  - Guidance on DM desktop research (following incentive/compensation programs; Madera Subbasin, Glenn-Colusa progress)
  - Coordinating with Corning Subbasin's demand management program development (Task 2.5 SGMP Round 2 Grant)

Reminder: meeting materials on website

[tehamacountywater.org/demand-management-ad-hoc-working-group/](http://tehamacountywater.org/demand-management-ad-hoc-working-group/)

# Demand Management Example

**Allocations =**

Safe Yield (SY)

+

Transitional Water (TW)

*(decreases over time until reaching zero)*

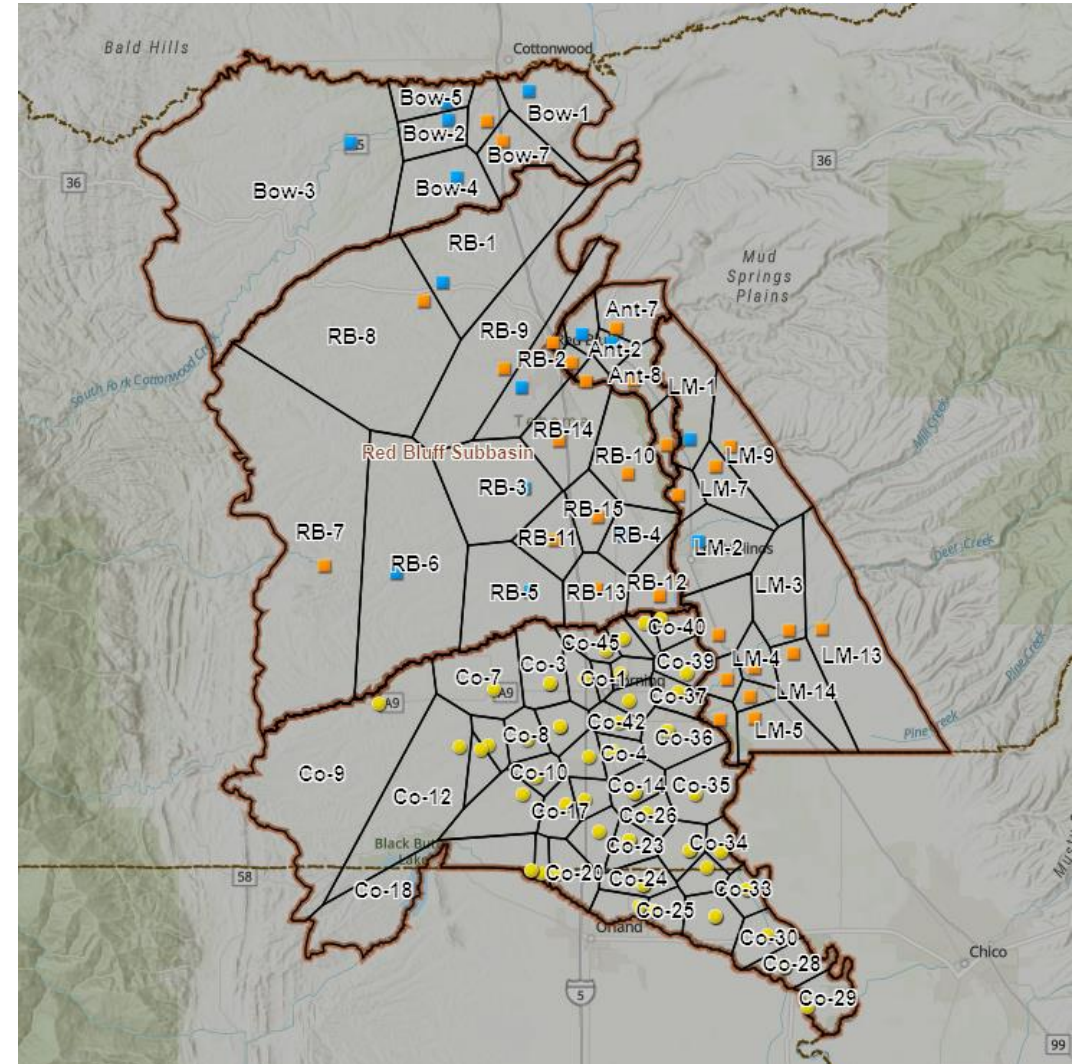
- Recap SY Calculation Methodology
- Explore SY with Data Viewer

Assessing Safe  
Yield for  
Revised  
Polygons



# Question 2 – Potential Tools To Utilize

- Groundwater Level Changes (RMS Wells)
- Estimate Groundwater Pumping (Annual Reports/Open ET/Cropscape)
- Change in Groundwater Storage ( $\Delta S$ )
  - $\Delta S = Q_{in} - Q_{out}$
  - $\Delta S = A \times S_y \times \Delta WL$
- Estimate Safe Yield
  - *Safe Yield = Average Pumping +/- Average  $\Delta S$*



# Hypothetical Exploration

Using the data viewer and within a specific polygon:

- Confirm groundwater conditions and water uses
- Work through a specific DM approach (allocation + transitional water) in hypothetical situation
- Discuss benefits, challenges, tradeoffs, etc.
- Identify implementation considerations

# Timeline for developing the Demand Management Program

Item	Milestone Date
Set management polygons	Nov'24
Generate sustainable yield per polygon	Dec 24-Jan 25
Determine expansion protocols	Feb '25
Set yield per acre for each polygon	Mar '25
Determine which (if any) voluntary measures will be requested in each polygon	Apr '25
Set triggers for adaptive measures (same basin wide)	May '25
Set adaptive measures	Jun-Jul '25
Set timeline for implementation of adaptive measures	Aug-Sep '25
Final deliberations buffer and legal review	Oct '25
Take to Commission	Nov '25
Take to BOD	Dec '25
Demand Management Program launch	Jan '26

## Next Steps and Wrap-Up

### Next Working Group meeting

January 15(?) 8:30-11:00a  
*(subject to change)*

### Action Items and Next Steps

*Happy Holidays and New Year!*