


# SB 552 Drought Resilience Plan


**Presentation to the Vina GSA  
November 21, 2024**

**Kamie Loeser, Director  
Department of Water and Resource Conservation**




## SB 552

- SB 552 - Water Shortage Planning for Small Water Systems and Rural Communities
  - 2012-2016 Drought - AB 1668
  - Recommendations passed as SB 552



**Pre-Disaster**

**During/Post Disaster**



## SB 552 Summary: New Requirements

### Small Suppliers\*

- >999-2,999 connections + schools: Water shortage contingency plan
- <1,000 connections: Drought assessment/element for 15-999 connections
- All: Supply conditions annual reporting
- All: Drought resiliency metrics – infrastructure upgrades

### Counties

- Standing Drought Task Force (or similar alternative)
- Water Shortage Plan (and assessment) for state smalls and domestic wells (or similar alternative)

### State

- Drought Risk Tool (small suppliers, private supplied homes and state small systems 5-15 connections)
- Establish Standing Interagency Task Force (with local government and stakeholder membership)



## Focus for Counties

### Counties

- Create a standing Drought & Water Shortage Task Force for state smalls and domestic wells (or similar alternative)
- Develop County Drought Plan for state smalls and domestic wells in the county (or similar alternative)



## Drought Resilience Plan



- DWR Drought Technical Assistance (May 2024)
- County Service Plan (CPA) with DWR/Stantec
  - Initial Activities
    - ✦ Drought Task Force
      - Adapt existing Drought Task Force
      - Kickoff Meeting with Drought Task Force (Sept. 19, 2024)
    - ✦ Risk Assessment
      - Develop Baseline and Updated Risk Assessment Summary



## County's Existing Drought Plan



- Adopted in October 2004
  - Established Drought Task Force

Table 2-1 Members of the Butte County Drought Task Force*
Director, Department of Water & Resource Conservation-Chair Emergency Services Officer-Vice Chair Chair, Butte County Water Commission <del>Chair, Butte Basin Water Users Association</del> Deputy Chief Administrative Officer Director, Department of Public Works Director, Division of Environmental Health Agricultural Commissioner Director, UC Cooperative Extension/County Farm Advisor California Department of Forestry/Butte County Fire District Conservationist, Natural Resource Conservation Service President, Butte County Resource Conservation District

\*Others may be added as suggested by the Board of Supervisors



## Drought Resilience Plan Outline

- Chapter 1: Introduction
- Chapter 2: County Drought and Water Shortage Task Force
- Chapter 3: Drought and Water Shortage Risk Assessment
- Chapter 4: Short-Term Response Actions
- Chapter 5: Long-Term Mitigation Strategy and Actions
- Chapter 6: Implementation Considerations
- References
- Appendices
  - Appendix A: Risk Assessment Exhibits



## County Drought Plan Elements

### Plan elements must include:

- Potential drought and water shortage risk
- Proposed interim and long-term solutions for state smalls and domestic wells in the county

### Consider at a minimum:

- **Consolidations** for existing water systems and domestic wells
- Domestic well drinking water **mitigation programs**
- **Provision of emergency and interim drinking water solutions**
- An analysis of the **steps necessary to implement** the plan
- An analysis of **funding sources** available to implement the plan



## Working with GSAs

- Opportunity to share data and fill data gaps:
  - Well inventory data
  - Risk assessment for domestic wells based on related vulnerability indicators:
    - ✦ Precipitation
    - ✦ Groundwater levels
    - ✦ Dry water years
    - ✦ Presence of irrigated agriculture
    - ✦ Water quality
    - ✦ Depth of domestic wells
    - ✦ Status of groundwater basin
  - Consistent mitigation
  - Opportunities for consolidation



## Drought Resilience Plan

- Full draft version anticipated March 2025

	2024												2025						
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
<b>Task 1: Risk Assessment</b>																			
Baseline Risk Assessment	■	■																	
Revised Risk Assessment			■	■															
<b>Task 2: Drought Task Force &amp; Subcommittee Meetings</b>																			
Subcommittee Meetings (8)	■		■		■		■		■		■		■		■		■		■
DTF Mtg 1: Review DRP Ch 1, 2, 3 (w/ Risk Assessment)				■															
Ch 4, 5 Survey: drought strategies & actions						■	■												
DTF Mtg 2: Review updated DRP Ch 1, 2, 3; Workshop 4, 5								■											
DTF Mtg 3: Review full Draft DRP (focus on Ch 4, 5, 6)										■									
DTF Mtg 4: Present Final DRP																		■	
<b>Task 3: Drought Resilience Plan</b>																			
Develop DRP	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Subcommittee/Task Force Review Draft																		■	■
Final DRP																		■	■
<b>Task 4: Administration</b>																			
	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■



Thank You



Questions?

