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2

Phased Approach to SB 552 Compliance

1. Prioritization and early planning

- Identify gaps & needs
- Identify priorities for grant funding
- Identify actionable next steps



2. Continued planning and information gathering

- Data collection
- Small water systems evaluation
- DWR workshops



Currently here



3. Implementation of plans and strategies

- County Drought Plan
- Funding opportunities and assistance



3



3

Ongoing Implementation Efforts

Launched the drought webpage on EDWA's website

COUNTRY DROUGHT AND WATER SHORTAGE TASK FORCE

The El Dorado Water Agency convenes the County Drought and Water Shortage Task Force (Task Force) which is responsible for facilitating drought and water shortage preparedness for all small water systems and domestic wells within El Dorado County. This Task Force also meets Senate Bill 552 requirements for counties to establish a standing drought and water shortage task force. The Task Force includes core members that are legally responsible for public water systems, state small water systems, and domestic wells and implementing the requirements of Senate Bill 552. It also includes advisory members that are relied on for information and input related to drought conditions, small water system needs, and potential response actions.

+ TASK FORCE MEMBERS
+ TASK FORCE MEETINGS

More information on the Task Force is described in the [Task Force charter](#).

DROUGHT RESOURCES

- Drought Information
- Drought Planning
- Senate Bill 552 Requirements

4



4

EDWA Drought Webpage

Webpage includes:

- Drought Information
 - Current conditions
 - Task Force description and members
 - Links to drought resources and tools
- Drought Planning
 - e.g., Upper American River Basin Regional Drought Contingency Plan (UARB RDCP)
- Senate Bill 552 Requirements

Senate Bill 552 Requirements for Small Water Suppliers and Rural Communities

In September 2021, [Senate Bill \(SB\) 552](#) was signed by Governor Newsom and enacted into law. SB 552 includes new responsibilities and requirements at both the state and local levels to help small water suppliers and rural communities reduce their risk of inadequate water supply during a water shortage event. Under the directive of the Board of Supervisors, the County of El Dorado requested the assistance of El Dorado Water Agency to meet SB 552 requirements in coordination with the County's Environmental Management Department—which oversees the small water systems as the Local Primacy Agency—and the County Public Health Officer—which oversees state small water systems with 5 to 14 service connections.

What Are the New Requirements?

SB 552 imposes new drought planning requirements on [certain small water systems](#) in El Dorado County and the County of El Dorado. These requirements include:

- Community water systems serving 1,000-2,999 service connections and nontransient noncommunity water systems that are schools will:
 - Develop and maintain an abridged Water Shortage Contingency Plan (WSCP) no later than July 1, 2023
 - Report annually specified water supply condition information to the State Water Resources Control Board (State Water Board)
 - Implement certain resiliency measures outlined in the legislation as early as January 1, 2023.

small water system needs, and potential response actions.



5

5

Ongoing Implementation Efforts

- **Compiled water system data** from available sources
 - State Water Resources Control Board Annual Reporting System
 - Environmental Management Department
 - Existing drought planning documents
- **Interviewing small water systems** to gather additional information for the condition assessment



6

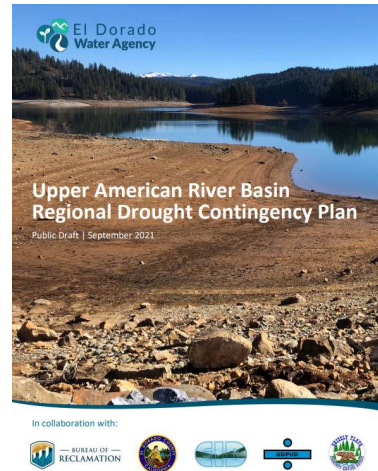
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Preceding EDWA Drought Planning Efforts

Upper American River Basin Regional Drought Contingency Plan (UARB RDCP)

Developed to increase resiliency of water resources in the face of climate change and droughts throughout the West Slope.

Public draft submitted to Reclamation for review. Anticipate comments this fall.



7

7



Senate Bill 552 Requirements

8

8

1. Community water systems serving 1,000-2,999 service connections and nontransient noncommunity water systems that are schools

Placerville, City Of - Main
Tahoe Keys Water Company
Pioneer Elementary School EDC
Millers Hill School
Silverfork School (Health)
Mountain Creek School
Latrobe Elementary School

- Develop and maintain an abridged Water Shortage Contingency Plan (WSCP) with specific drought planning elements by July 1, 2023
 - Make WSCP available on their website or if no website is available, to persons upon request
 - DWR and State Water Board to provide template by December 31, 2022
- Report annually specified water supply condition information to the State Water Board
- Implement **certain resiliency measures** as early as January 2023



9

9

1. Community water systems serving 1,000-2,999 service connections and nontransient noncommunity water systems that are schools –

Required Resiliency Measures

- By January 1, 2023, **implement monitoring systems** sufficient to detect production well groundwater levels.
- By January 1, 2023, **maintain membership** in the California Water/Wastewater Agency Response Network (CalWARN) or similar mutual aid organization.
- By January 1, 2024, to ensure continuous operations during power failures, **provide adequate backup electrical supply**.
- By January 1, 2027, **have at least one backup source of water supply, or a water system intertie**, that meets current water quality requirements and is sufficient to meet average daily demand.
- By January 1, 2032, **meter each service connection and monitor** for water loss due to leakages.
- By January 1, 2032, have source system capacity, treatment system capacity if necessary, and distribution system capacity to **meet fire flow requirements**.



10

10

2. Community water systems serving 15-999 service connections

Lukins Brothers Water Company
Tahoe City PUD - Rubicon
Lakeside Park Association
Crystal Caves MHP
Gold Beach Park
Oaklane Mobile Village, LLC.
Candlelight Village Mutual Water Co.
Grizzly Flats Community Service
El Dorado ID- Outingdale
El Dorado ID - Strawberry
Kyburz Mutual Water System
Bear State Water Works
Quintette Service Corp Water

- Add drought planning elements to their Emergency Notification or Response Plans
- Plan should be updated every 5 years or after significant changes
- Report annually specified water supply condition information to the State Water Board



11

11

3. State Small Water Systems and domestic wells within County's jurisdiction

- County to **develop a plan** that includes potential drought and water shortage risk and proposed interim and long-term solutions
 - May be a stand-alone document or included to an existing county plan
- County to establish a standing **county drought and water shortage task force** to facilitate drought and water shortage preparedness



12

12

State Activities to Support Counties with SB 552

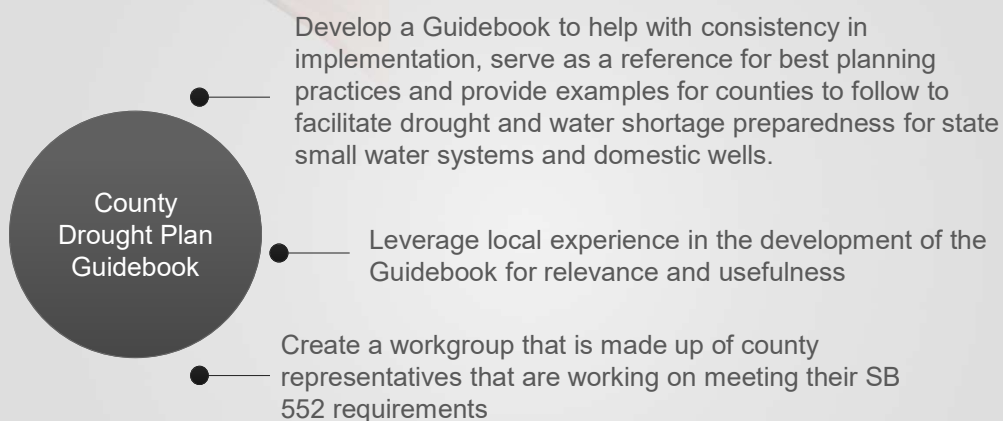


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13

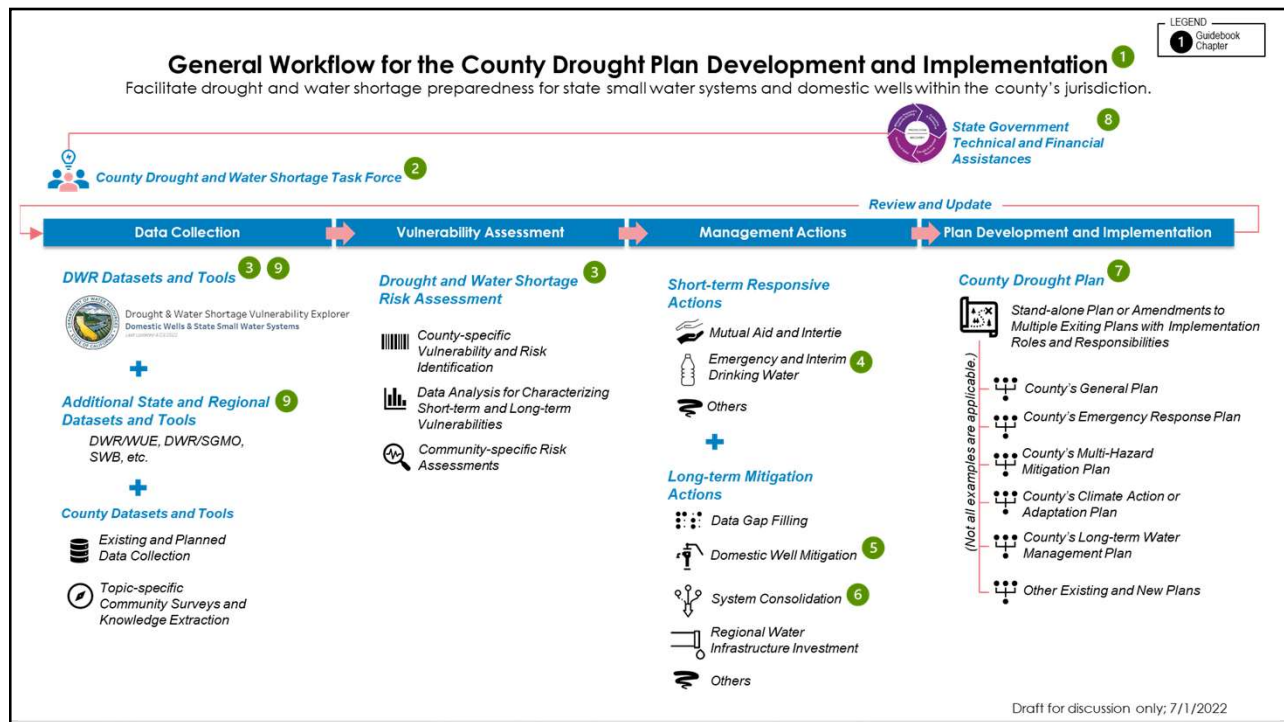
Guidebook Development



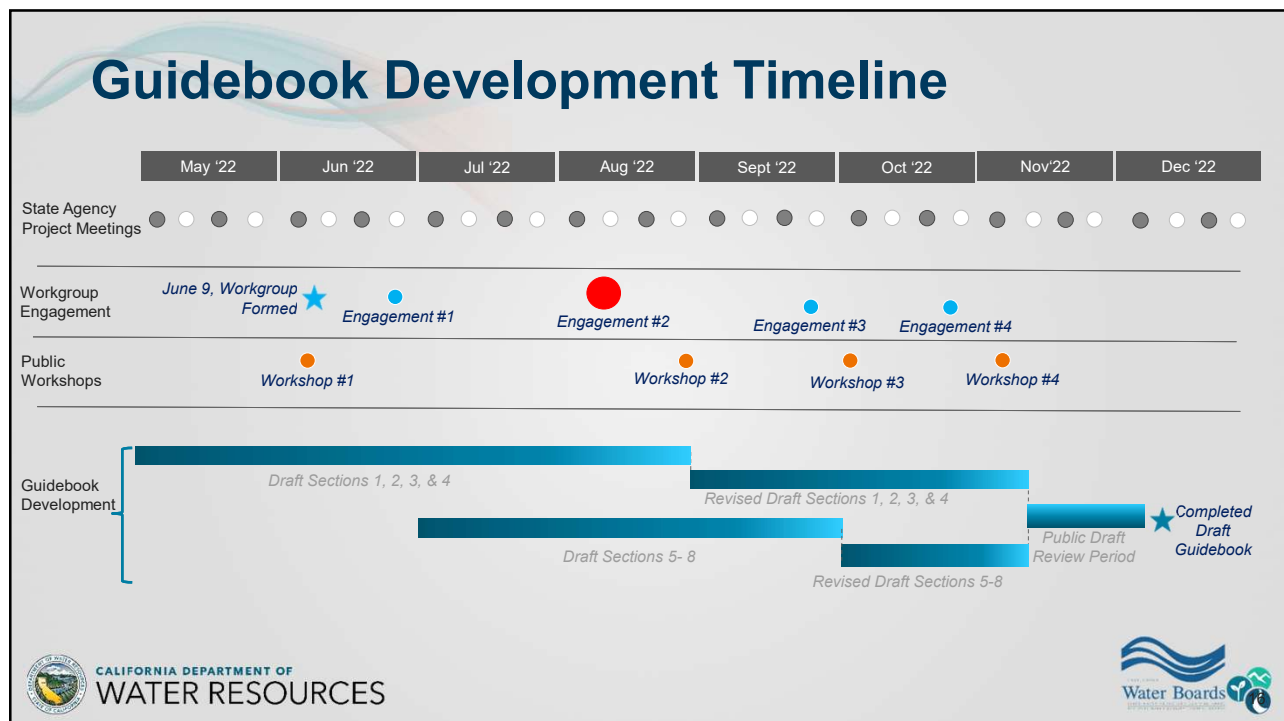
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14



15



16



County Drought Plan

17

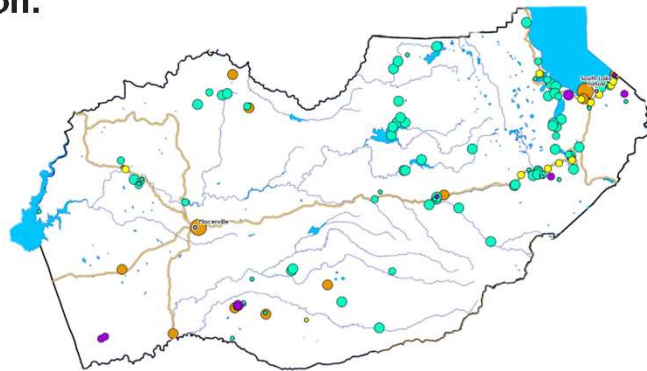


17

El Dorado County Drought Plan

To address the concerns discussed in the UARB RDCP, **El Dorado County's Drought Plan will address all small water systems within the region.**

This goes beyond what is required by SB 552, which only requires addressing water shortage preparedness for state small water systems and domestic wells.



Service Type

- Community Water Systems
- Non-Transient Non-Community Water Systems
- Non-Community Water Systems
- State Small Water Systems

18



18

Plan Components

1. Drought and Water Shortage Risk Assessment
 - County and system-specific vulnerability and risk identification
2. Short- and Long-Term Response Actions
 - Emergency and interim drinking water solutions
 - Domestic well mitigation options
 - Consolidation options
3. Implementation Plan
4. Technical and Financial Assistance
 - An analysis of local, state, and federal funding sources available to implement the plan

19



19

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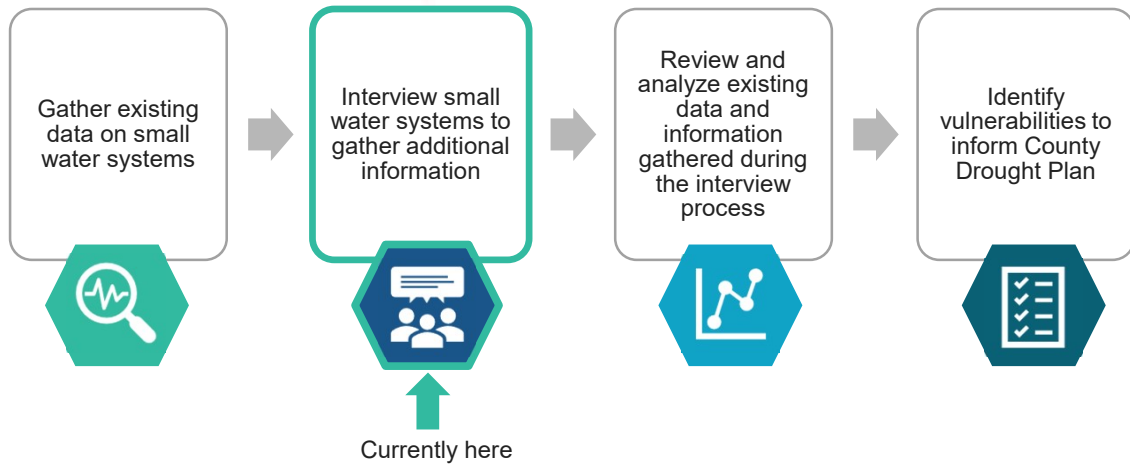
To be informed by the
ongoing condition
assessment

20



20

Condition Assessment Overview



21

21

Interviews to Date

Small Water Suppliers	Number of Small Water Suppliers in Each Category	Number of Interviews Completed
Community water systems serving 1,000 to 2,999 service connections, inclusive, and nontransient noncommunity water systems that are schools	7	2
Community water systems serving 15 to 999 service connections	13	3
State Small Water Systems	20	0
Other small water suppliers not subject to SB 552 requirements	108	0

22

22

Summary of Challenges to Date

- Difficulty in getting the awarded funding obligated
- Limited options for secondary supply sources (e.g., poor groundwater quality, interconnections are not feasible)
- Limited water availability due to curtailments
- Emergency drinking water solutions (i.e., water trucking) are often cost-prohibitive
- Low potential for consolidation (although managerial consolidation may be possible for some)

23



23

Developing Problems or Concerns

Are there any existing or developing water supply-related problems or concerns that need to be addressed?



24



24

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25



25

Response Actions and Emergency Drinking Water Solutions



Where will emergency water come from?



How will emergency water be distributed?



How will emergency water be funded?



How will information be gathered and shared?

26



26

Plan Components

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27

27

Summary of State Agency Technical Assistance

Task	Summary of Requirement	Lead Agency	Other Agencies Involved*	Timeline to Implementation
1	Water shortage contingency plan template	State Water Board, DWR	N/A	December 31, 2022
2	Technical assistance for water suppliers under 1,000 connections	State Water Board	DWR	Ongoing
3	Water supply and program reporting	State Water Board	DWR	Annual; ongoing
4	Technical assistance for counties with under 15 connections and domestic wells	State Water Board	DWR, Governor's Office of Emergency Services (CalOES), Governor's Office of Planning and Research (OPR)	No mandated timeline
5	Water shortage vulnerability tool	DWR	State Water Board and other state agencies	Periodically update, no mandated timeline
6	Interagency drought and water shortage task force	DWR	State Water Board, OPR, Dept. of Fish and Wildlife, CalOES, Dept. of Food and Agriculture, Tribal representatives, federal agencies, local governments, community-based organizations, others	No mandated timeline

28

*Participation not necessarily specified in law



28

Potential Funding Opportunities

Agency	Program/Project
State Water Resources Control Board: Safe and Affordable Funding for Equity and Resilience (SAFER)	<ul style="list-style-type: none"> Statewide Bottled Water for Schools Program Drinking Water for Schools Grant Program Feasibility Analyses and Technical Evaluations Project Drinking Water Program Technical Assistance Technical Assistance to Implement the Safe and Affordable Drinking Water Fund Comprehensive Prop. 1 Technical Assistance and Support Program Statewide Leak Detection Technical Assistance Program Comprehensive Assistance to Tribal and Small Systems Project Aoki Water Clinic Drinking Water and Wastewater Technical Assistance
United States Department of Agriculture: Rural Development and Natural Resources Conservation Service	<ul style="list-style-type: none"> Emergency Community Water Assistance Grants Circuit Rider Program – Technical Assistance for Rural Water Systems Rural Decentralized Water Systems Grant Program Rural Utilities Service Grants Emergency Watershed Protection Program
Department of Water Resources	Small Community Drought Relief Program
Office of Planning and Research	<ul style="list-style-type: none"> Adaptation Planning Grant Program Regional Resilience Planning and Implementation Grant Program Community Resilience and Heat Grant Program



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29



Moving Forward

30



30



Next Meeting

February 2023*

- Regulatory and legislative updates
- Review of forecasted drought conditions
- Drought preparedness planning for upcoming summer

* Additional meetings may be scheduled based on ongoing county drought conditions

