

SB 552 County Drought Planning Workshop

Thursday, June 2, 2022
10:30AM – 12:30PM



CALIFORNIA DEPARTMENT OF
WATER RESOURCES



Remote Workshop Logistics

We're looking forward to a productive meeting, please consider -

- **Live Captioning available**
- **Audio/Video.** We want to see and hear you, but please only have your mic and video on while you're speaking.
- **Participation:**
 - Please participate in **Zoom Polls** to add your perspective
 - **Chat Panel** can be used to add comments, respond to question, and pose questions.
 - **Hand raise** function can be found at the bottom of your Participant panel. Please use the hand raise to get into a queue.

Thank you for joining us today!



Kris Tjernell

California Department of Water Resources, Integrated Watershed
Management Program

WELCOMING REMARKS

Workshop Agenda

MEETING PURPOSE: Convene stakeholders who represent counties and interested parties to inform the requirements of SB 552 and development of Guidebook to assist counties on how to meet SB 552 legislative requirements.

- 10:30** **Welcome and Meeting Purpose**
- 10:40** **Senate Bill 552 – Drought Response and Resilience for Small Water Suppliers/Counties**
- 11:00** **State Agencies Support for Counties in Meeting SB 552 requirements**
California State Water Resources Control Board
California Offices of Emergency Services
California Office of Planning and Research
California Department of Water Resources - Sustainable Groundwater Management Office
- 11:40** **Short Break**
- 11:45** **Local Planning Activities Related to SB 552**
County of Santa Cruz, Environmental Health
- 12:05** **Guidebook and Technical Support**
- 12:20** **Engagement Opportunities**
- 12:30** **Adjourn**



Workshop Series

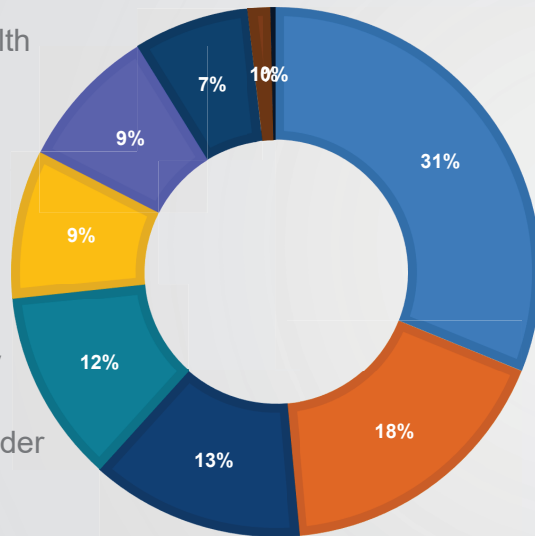
- ➔ **#1 Informational session:** Provide a high-level overview of SB 552 requirements and approach to developing Guidebook [June]
- #2 Workshop:** Present draft Guidebook (select sections) and solicit participants' input [August]
- #3 Workshop:** Present draft Guidebook (remaining sections) and solicit additional participants' input [September]
- #4 Final Workshop:** Present the final draft Guidebook with participants input [Late Fall]



Who is Joining Us Today?

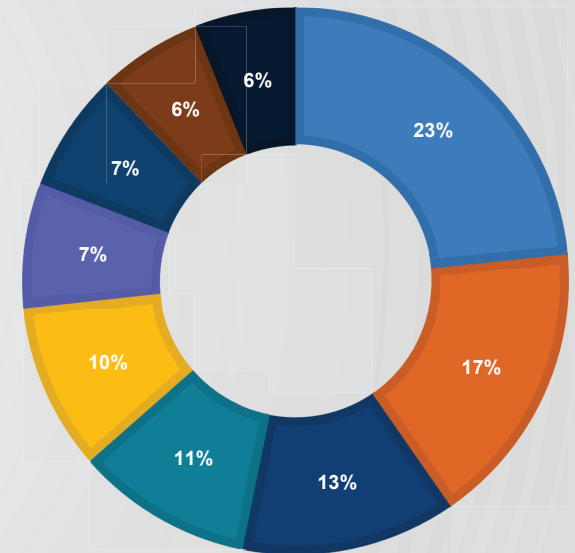
PERSPECTIVES REPRESENTED

- Other
- County environmental health
- State government
- County OES
- County planning
- Groundwater sustainability agency
- Technical assistance provider
- Elected official
- Fed government



REGIONS REPRESENTED

- Statewide
- San Joaquin Valley
- Sacramento Valley
- Central Coast
- North Coast
- Northern Inland
- Sierra Nevada
- Southern Inland
- South Coast



? Poll Questions – SB 552 Requirements

Have you convened a **Drought Task Force or similar committee** to discuss domestic wells and state smalls?

- I am not familiar with this requirements
- I heard of this requirement, but not meeting yet
- We already have a taskforce/similar committee in place
- We started a new committee related to an existing drought task force

Have you conducted any **planning activities** related to SB 552 requirements?

- I am not familiar with SB 552
- I heard of SB 552 requirements, but not planning yet
- We have some pieces and related information to address SB 552 requirements
- We already have all the necessary pieces complete for our county
- Other (please add in the Chat)



Julia Ekstrom

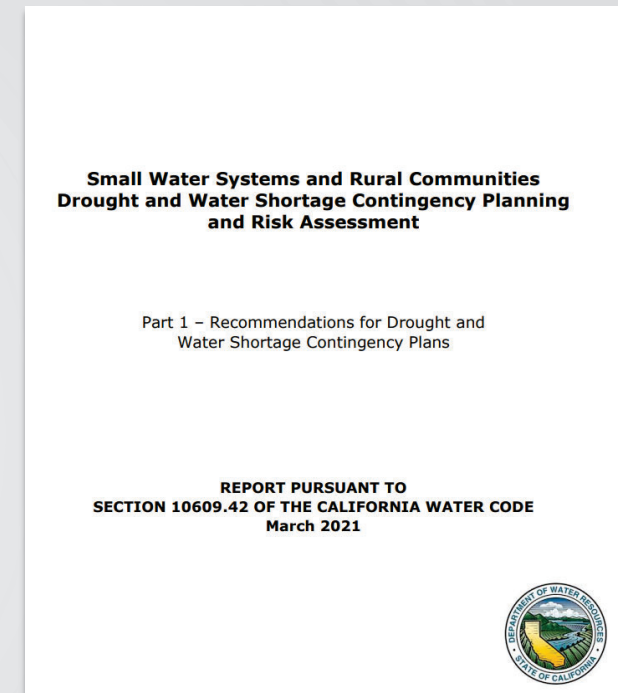
California Department of Water Resources, Water Use Efficiency Branch

SENATE BILL 552

**DROUGHT PLANNING FOR SMALL WATER
SUPPLIERS AND COUNTIES**

Recent History

- 2012-2016 Drought → AB 1668 & SB 606
- DWR hosted process focused on small water suppliers and rural communities (County Drought Advisory Group, CDAG)
 - Vulnerability scoring and tool
 - Develop recommendations on how to cover them with water shortage contingency plans



CDAG's recommendations informed SB 552.



SB 552 Summary: New Requirements

Small Water Suppliers*

- 1,000-2,999 connections + schools: Water shortage contingency plan (by July 2023)
- <1,000 connections: Drought assessment/element for 15-999 connections into Emergency Response Plan or Emergency Notification Plan
- All Small Suppliers: Supply conditions & production annual reporting
- All Small Suppliers: Drought resiliency standards – infrastructure upgrades

Counties

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

FOCUS OF THIS WORKSHOP

State

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

**Includes community water systems serving less than 3,000 connections and 3,000 acre-feet. Includes non-transient, non-community water systems that are schools; excludes those covered under the requirements of Urban Water Management Plan*



SB 552 Summary: New Requirements 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)

Purpose: To facilitate drought and water shortage preparedness for state small water systems and domestic wells within the county's jurisdiction

Flexible format: A stand-alone plan or integrated as part of existing (or new) county plans



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



State Activities to Support Counties with SB 552




State Activities

- Data
- Interactive tools
- Training
- *Direct technical assistance*
- *Planning grants*
- Guidebook
- Webinars
- Training videos
- Countywide & Regional Funding Program



SB 552: Water Shortage Vulnerability Tools



Drought & Water Shortage Risk Explorer
Small Water Suppliers

Last updated: May 18, 2021
Looking for the Risk Explorer for Self-Supplied Communities? Go to: https://tableau.cnr.ca.gov/v/DWR_IntegratedDataAnalysis/Branch/Views/DWDRDroughtRiskExplorer:Self-SuppliedCommunitiesMarch2021/Dashboard

Welcome to the interactive site of Drought and Water Shortage Risk of Small Water Suppliers in California. The Department of Water Resources developed this site to support drought resilience planning among small water suppliers. Indicators of risk and scoring were developed through an extensive stakeholder participatory process as part of fulfilling Assembly Bill 1668. To learn more about this effort and the recommendations to the legislature for supporting small water systems to prepare for drought, go to: <https://water.ca.gov/Programs/Water-Use-And-Efficiency/2018-Water-Conservation-Legislation/County-Drought-Planning>

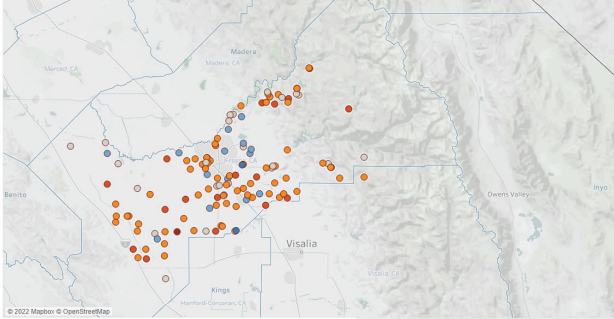
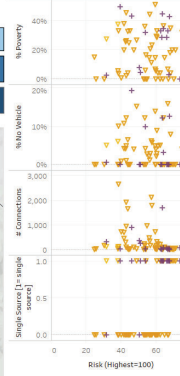
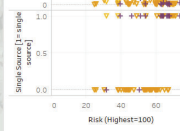
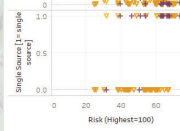
County: Fresno
System name: All
Relevant District or LPA: All

Combined Risk Score: 0 to 100

Explorer Tool

How does risk vary by region? Does the risk level depend on demographics or organizational attributes? Please adjust below as filters are changed for the map.

DATA
METHOD
FAQ


Risk Profiles

Risk scores are based on a combination of 29 indicators for each supplier examined. Higher scores indicate a supplier may be at higher risk of a compromised supply or other impacts during a drought or water shortage event. Individual factor scores for each indicator examined explains the combined risk score of each small water supplier examined. Indicators noted with dark red contribute to a higher risk score for that supplier.

Blank (white) represents no data. Hover over the cells to view a system's individual risk factor scores, where 1 indicates a higher contribution to overall risk. To download the dataset of risk indicators and combined risk scores for each water system, visit: <https://data.cnr.ca.gov/dataset/drought-risk-small-suppliers-and-communities>

Have a data change request for your water system? Use this form: <https://tinyurl.com/DWR-drought-risk-change>

PWSID	System name	Risk Score (0-100)	PROCECT Temperature SHIT (SC1a)	Salinwater Intrusion: Sea Level Rise (SC1b)	Wildfire under Climate Change (SC1c)	Local Drought Forecast WY2020 (SC2a)	Wildfire Risk (SC2b)	Fractured Rock (SC2c)	Subsidence (SC2d)	Coastal Saltwater Intrusion (SC2e)	Critical Overdrafted Basin (SC2f)	GW Decline 2020-B118 (SC2g)	Population Growth Rate % Near-term (SC2h)	Basin Water Quality Score, weighted (SC2i)	Interrie >0 (SC3a)	Emergency Intertie >0 (SC3b)	Source Monitoring (SC3c)	Unmetered Customers % (SC3d)	Single Source (SC3e)	# Source Types (SC3f)	Customer Outage Reports (SC3i)	Water Level Status (SC3j)	Recent Rate Updates (SC3k)	Rate Structure Type (SC3l)	System Size (SC3m)	Drought Prep. Plan (SC3n)	Customer Social Vulnerability (SC3o)	Self-projected shortage 2011-18 (SC3p)	Curialment 2014 (SC3q)	Drought Assistance (SC3r)	
CA1000446	LINDA VISTA FARMS	92																													
CA1000577	DUNLAP LEADERSHIP ACADEMY	84																													
CA1000928	HARRIS FARMS SOUTH #101-144	80																													
CA1000111	PINE RIDGE SCHOOL	79																													
CA1000472	PG&E HELMS SUPPORT FACILITY	79																													
CA1000238	CAMDEN TRAILER PARK	77																													
CA1000685	MURRIETA/HERNANDEZ FARMS	76																													



Drought & Water Shortage Risk Explorer
Self-Supplied Communities

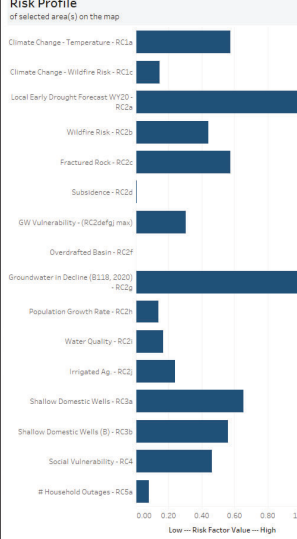
Last Updated: 4/23/2021

Welcome to the California interactive site of Drought and Water Shortage Risk of Self-Supplied Communities. The Department of Water Resources developed this site to support drought resilience planning among rural communities. Indicators were developed through a stakeholder participatory process as part of fulfilling legislative requirements (AB 1668) to identify rural communities in California at risk of drought and water shortage.

Select a region of interest to see the risks, hover over communities for more information, or select the community on the map to view the chart on the left of what explains the risk of drought and water shortage in that area.

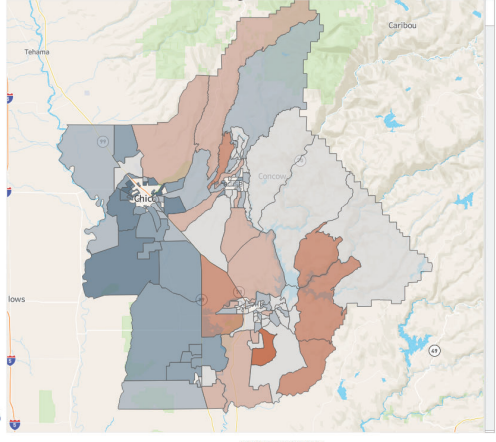
Explorer Tool

Risk Profile
of selected area(s) on the map

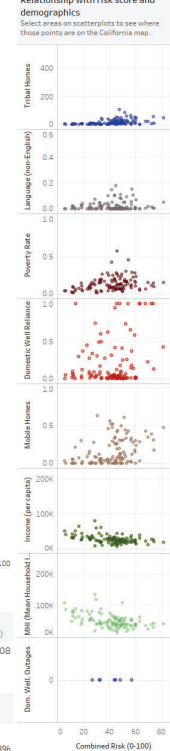


Select a Region to Explore
Use the filter or use arrow as tool to select areas of interest. Click outside the selected region to reset the map.

County: Select from dropdown
BUTTE



Relationship with risk score and demographics
Select areas on scatterplots to see where those points are on the California map.



Summary of Selected Region

Domestic Wells: 0 on record since 1970 (DWR WCR 2020)

Total Households: 10,867

Domestic Well Reliance: Estimated based on # domestic wells divided by households

Poverty Rate: Average rate across all block groups selected

21%

DISCLAIMER: This tool is designed to support risk planning to inform local and regional planning efforts. This tool does not forecast drought. If you have a private well outage, you may report it to the State here: <https://mydrywatersupply.water.ca.gov/repocrt/publicpage>

Ongoing Efforts in Support of SB 552

Small Water Suppliers

- Abridged WSCP Template development
- Set of 4 workshops
 - April 20 (recording, materials available)
 - Mid to late summer
 - Draft template for schools
 - Draft template for small water systems
 - October (final templates)
- Training
- Other technical assistance *in discussion*



Ongoing Efforts in Support of SB 552

Counties

- Planning assistance program ([survey](#))
- Guidebook development
 - Workgroup process (Summer 2022)
- Set of 4 Public workshops
 1. Provide a high-level overview of SB 552 requirements and approach to developing Guidebook [June]
 2. Present draft Guidebook (select sections) and solicit participants' input [August]
 3. Present draft Guidebook (remaining sections) and solicit additional participants' input [September]
 4. Present the final draft Guidebook with participants input [Late Fall]



QUESTIONS & COMMENTS?



Panel Discussion

**STATE AGENCIES SUPPORT FOR
COUNTIES IN MEETING SB 552
REQUIREMENTS**

Panel Introductions



Eric Zúñiga



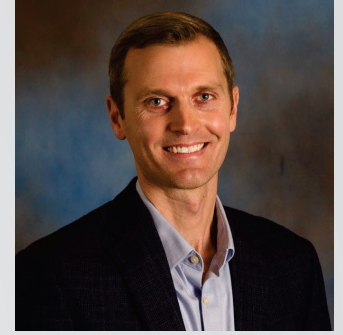
Jun Kinoshita



Erik De Kok



Melissa Sparks-Kranz



Steven Springhorn



California State
Water Resources
Control Board



California Governor's
Office of Emergency
Services



California Governor's
Office of Planning
and Research



California Department of Water Resources
Sustainable Groundwater Management Office



CALIFORNIA DEPARTMENT OF
WATER RESOURCES



Division of Drinking Water Assistance for Counties - SB552

Eric Zúñiga, P.E.

Drought Response Program Manager
State Water Resources Control Board



SB552 County Requirements

Establish a standing drought task force or *similar alternative*

- Purpose: To facilitate drought and water shortage preparedness for state small water systems and domestic wells within the county's jurisdiction
- January 1, 2022

Develop a drought and water shortage plan

- Stand alone or integrated as part(s) of existing county plan
- Local Hazard Mitigation Plan
- General Plan or
- Other similar document

SB552 County Drought/Water Shortage Plan

Potential drought and water shortage risk

Proposed interim and long-term solutions for state smalls and domestic wells in the county

- (1)- Consolidations for existing water systems and domestic wells.
- (2)- Domestic well drinking water mitigation programs.
- (3)- Provision of emergency and interim drinking water solutions.
- (4)- An analysis of the steps necessary to implement the plan.
- (5)- An analysis of local, state, and federal funding sources available to implement the plan.

State Standing Interagency Task Force Requirements

DWR must establish a standing interagency drought and water shortage task force to consider all water user types, develop ways to improve coordination, with membership of local government, stakeholders.



Drought Response – Water Hauling

Although not appropriate as a long-term source of water for a public water system, hauled water is a necessary part of providing water for dry domestic wells and state small water systems during emergency response.

Hauled water is reimbursed if you have a county regional hauling program in place with the State. 17 counties currently covered and counting.

Keep track of your Emergency Response expenses due to drought so that we can track financial drought impacts.

March 28, 2022: Governor issued an Executive Order with Directive 7 related to hauled water.

Executive Order - Water Hauling Prohibitions Suspended

To facilitate the hauling of water for domestic use by local communities and domestic water users threatened with the loss of water supply or degraded water quality resulting from drought, any ordinance, regulation, prohibition, policy, or requirement of any kind adopted by a public agency that prohibits the hauling of water out of the water's basin of origin or a public agency's jurisdiction is hereby suspended.

Executive Order - Limitations

The suspension authorized pursuant to this paragraph shall be limited to the hauling of water by truck or bottle to be used for human consumption, cooking, or sanitation in communities or residences threatened with the loss of affordable safe drinking water.

Nothing in this paragraph limits any public health or safety requirement to ensure the safety of hauled water.

DDW's SAFER Unit

- Safe and Affordable Funding for Equity and Resilience.
- Annual Needs Assessment for water systems, State Smalls and Domestic Wells.
- Consolidations of water systems, state smalls and domestic wells.
- Groundwater Sustainability Agencies will be able to review water quality and inventory for their wells in our database.

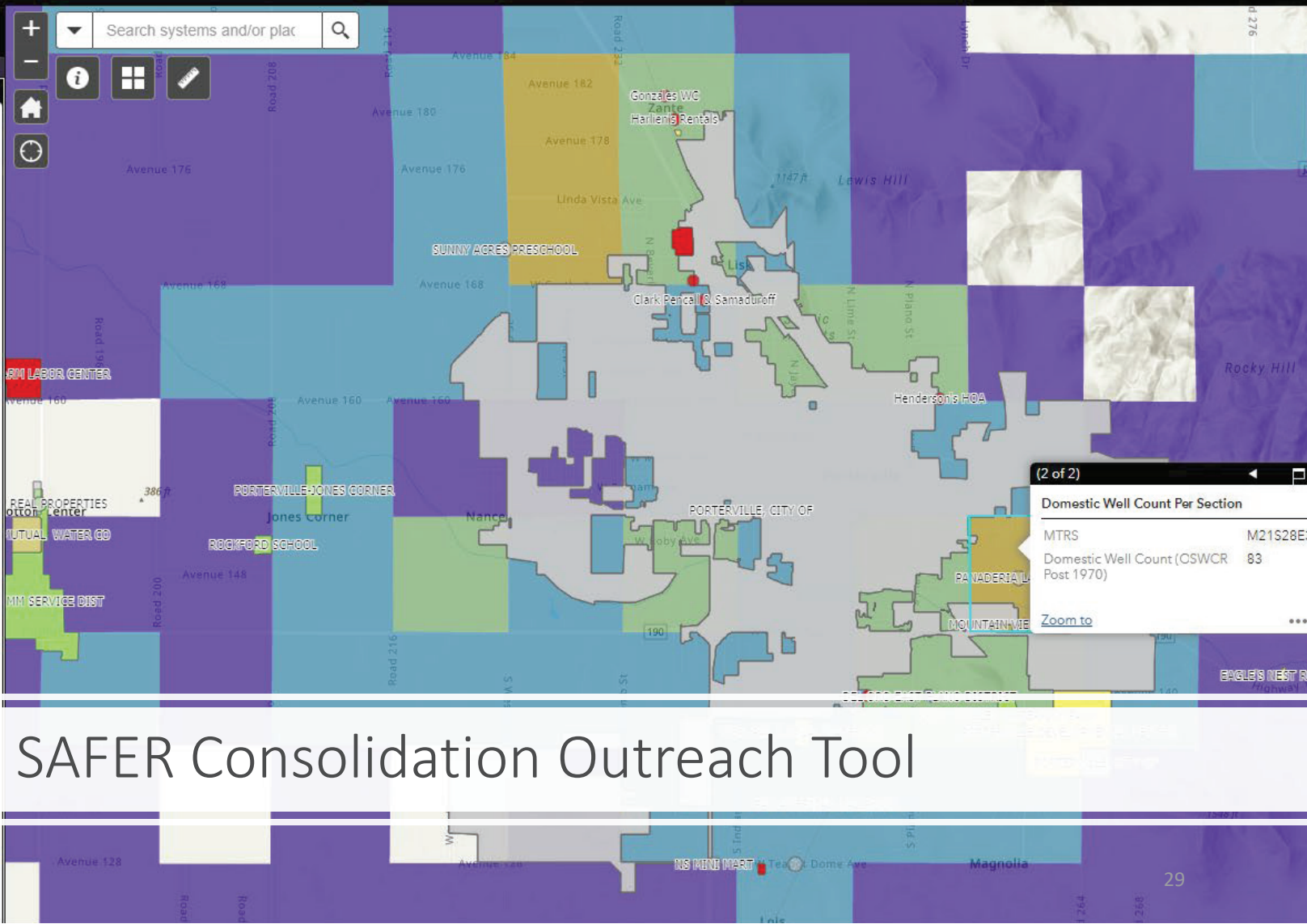
SAFER Resources

- State Small and Domestic Well Inventory
- [SAFER Consolidation Outreach Tool](#)
- [Water Partnerships Map](#)
- [Needs Assessment](#)

Layer List

Layers

- CA Water Systems multiple AC
 - HR2W
 - At-Risk
 - Potentially At-Risk
 - Not Assessed
 - Not At-Risk
 - High Aquifer Risk
 - Med Aquifer Risk
 - Low Aquifer Risk
 - No Aquifer Risk
 - <all other values>
- CA Water System Boundaries and Locations
- Domestic Well Density DWR OSWCR Post 1970
- DomWellDensity
- CA Counties
- CA County Names
- World Topographic Map
- World Hillshade



SAFER Consolidation Outreach Tool



Last Updated: 09/22/2021

How to use this map:

Select a point on the map to view details about the selected water system partnership event. This dataset contains completed water system consolidations and other water system partnership activities. Visit the [SAFER engagement unit page](#) for more information on water system partnerships and ongoing [State Water Board mandatory consolidation](#) projects.

Search for an address, county, or specific water system.

Filter content in the Partnerships Layer by County, Partnership Type, and/or Funding source.

Measure the distance between a water system or any map location (i.e. location of your own well) and an existing water system boundary.

Layers allows toggling of the three layers; Partnership, Water System Area Boundaries, and County Boundaries.

Info Summary tallies the number of water system partnership events captured in the current map view, with a drop down list.

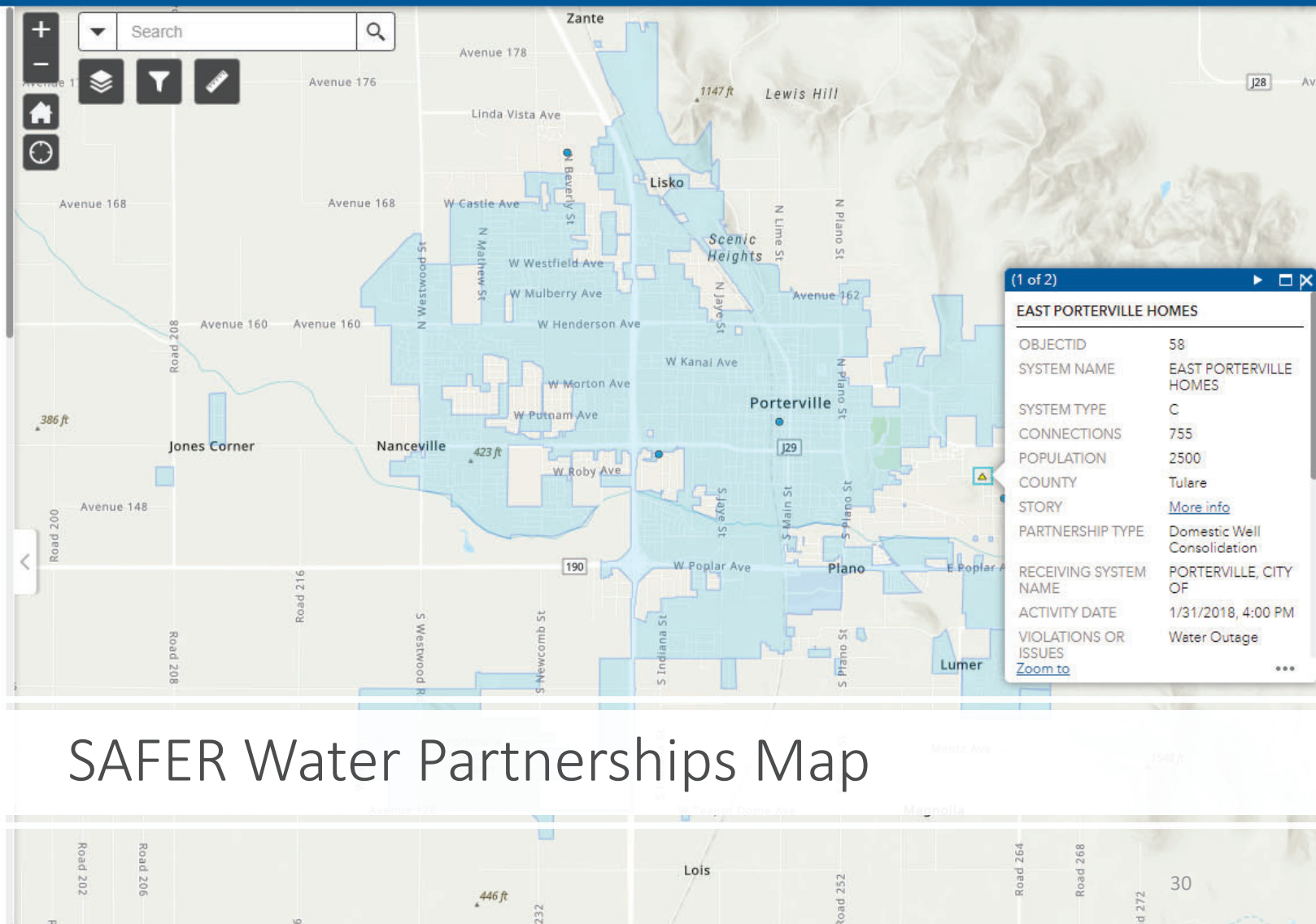
Map Controls:

My Location centers the map on your location, with permission.

Use the + and - buttons to zoom

Home re-centers the map on the default extent view.

Esri Usage The Attribute Table can be expanded by selecting the ^ arrow tab at the bottom center of the map and offers a table view of the data in each layer, with filtering options

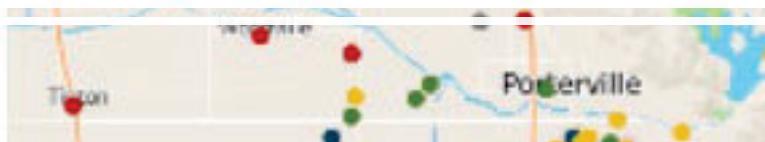


SAFER Water Partnerships Map

Failing	At-Risk	Potentially At-Risk	Not At-Risk	Not Assessed
Water Systems 381	Water Systems 428	Water Systems 425	Water Systems 1,840	Water Systems 198
Population 876,984	Population 1,090,042	Population 1,239,425	Population 11,959,287	Population 24,633,759
Funding Since 2017 \$169,981,594	Funding Since 2017 \$119,703,442	Funding Since 2017 \$46,982,681	Funding Since 2017 \$446,413,870	Funding Since 2017 \$625,698,899

Search

Total Count of Systems: **3,272**. Total Population: **39,809,527**



Drivers of Risk



Number of Systems Exceeding Risk Indicator Thresholds

CATEGORY	Risk Indicator	Count
Water Quality	Increasing Presence of Water Quality Trends Toward MCL	917
	Percentage of Sources Exceeding an MCL	592
	Past Presence on the HRDW List	488
Accessibility	Presence of Intake	7,430
	Number of Water Sources	1,308
	DWR - Drought & Water Shortage Risk Assessment Results	5961
	Critically Overstressed Groundwater Basin	550

SAFER Needs Assessment Dashboard

- SAFER Status
- (All)
 - Failing
 - At-Risk
 - Potentially At-Risk
 - Not At-Risk
 - Not Assessed
- Service Connections
- (All)
- Population
- County
- (All)
- Regulating Agency
- (All)

Contact Information

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Program Manager

- Eric.Zuniga@waterboards.ca.gov

Michelle Frederick, SAFER Section
Supervisor

- Michelle.Frederick@waterboards.ca.gov

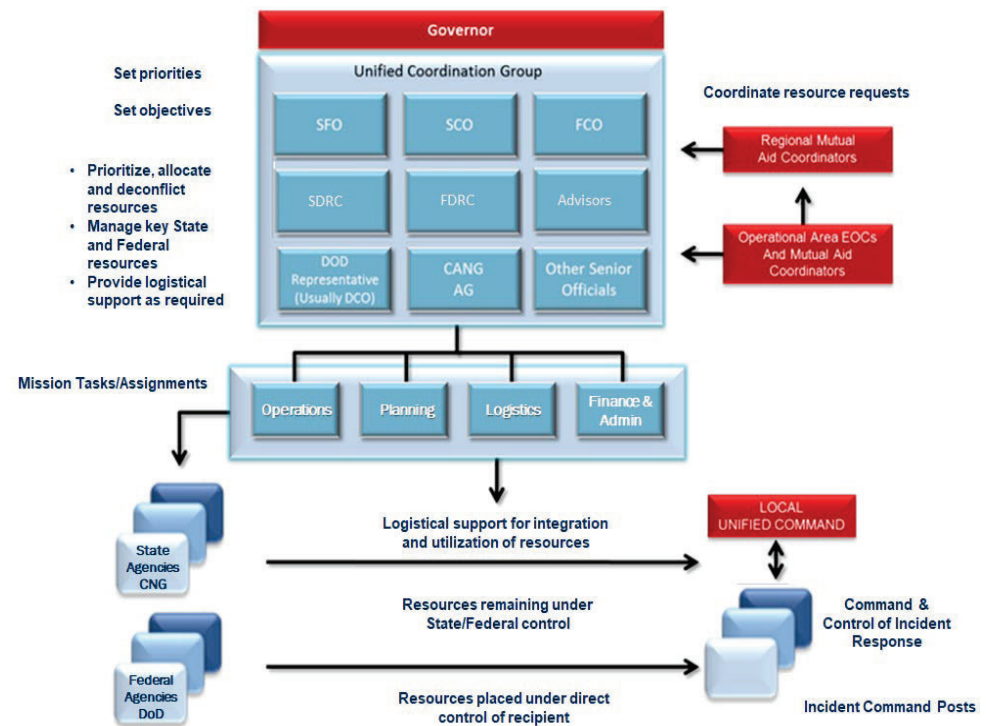
Cal OES
Support of
Department of Water Resources
And
State Water Resources Control Board

June 2, 2022



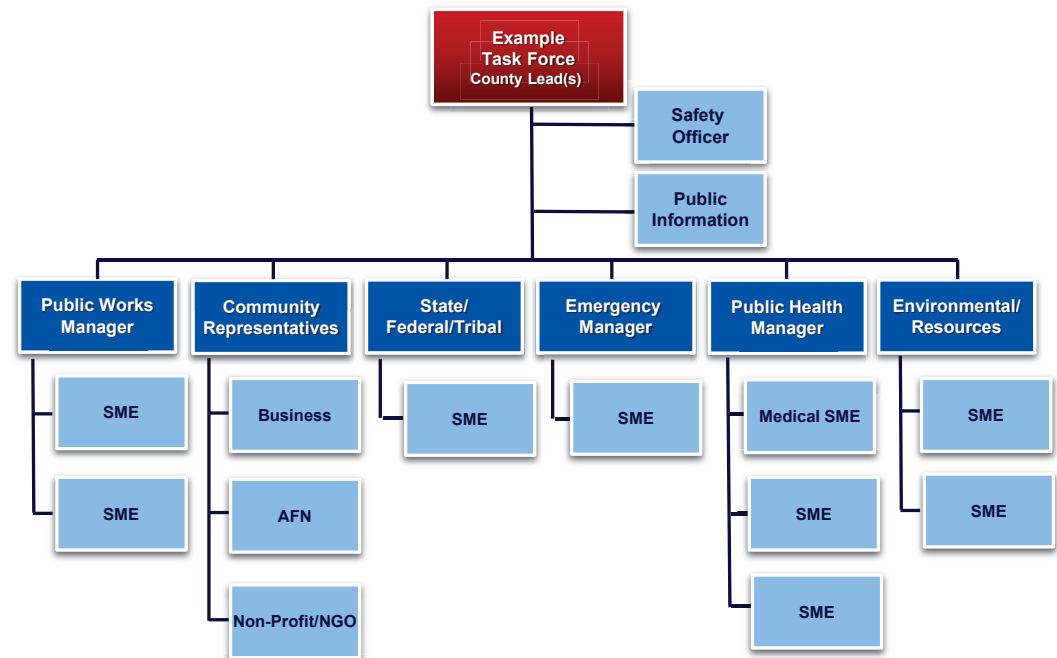
Connection to SB 552

- Drought is treated as an Emergency
- Support to Counties as you address SB 552
 - Task Force development
 - Planning and reporting



Resources

- Organizational Structures
 - Task Forces
 - Multi-Agency Coordination Groups
 - Operations Centers
- Logistical Support
- Whole Community Perspective-Diversity
- Coordination and Mission Tasking



Cal OES Lines of Effort

- Support to Counties as you address SB 552
 - Task Force development
 - Planning and reporting support
- Response-support to Counties
 - Providing guidance on systems of procurement
 - Tracking Needs
- Advance Planning



Emergency Drinking Water Procurement & Distribution Planning Guidance

May



Quickstart Guide (QSG) Drought Unmet Needs

Governor's Office of Emergency Services | Interagency Recovery Coordination

2022 Edition





SB 552

Water Shortage Contingency Planning and Local Planning Linkages

SB 552 WORKSHOP #1

JUNE 2, 2022

Office of Planning & Research (OPR)



- State Planning Agency
- Land Use Planning and Policy
- General Plan Guidelines & Technical Advisories
- CEQA Guidelines & Technical Advisories
- Military Liaison
- Interagency Coordination (state, regional, county, city, other)
- Within OPR:
 - CA Strategic Growth Council (SGC)
 - Integrated Climate Adaptation & Resilience Program (ICARP)
 - State Clearinghouse



SB 552 – Local Planning Linkages

- SB 552 allows counties to address SB 552 requirements for small water systems and domestic wells using general plans or other local plans.

“The plan may be a stand-alone document or may be included as an element in an existing county plan, such as a local hazard mitigation plan, emergency operations plan, climate action plan, or general plan.” (CWC 10609.70(b))

- OPR encourages counties to:
 - Consider how SB 552 requirements relate to existing local plans or policies aimed at water supply and drought response, local water district coordination, or other relevant topics
 - Explore possible linkages and plan alignment opportunities



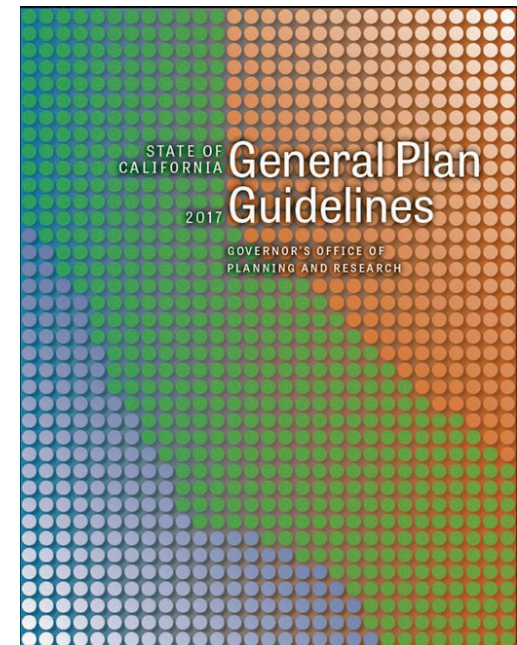
General Plan Guidelines

Required Elements

- Land Use
- Circulation
- Housing
- Conservation
- Open Space
- Noise
- Safety
- Air Quality*
- Environmental Justice*

Topical Considerations

- Public Engagement
- Healthy Communities
- Climate Change
- Economic Development
- Social Equity/Resilience



The full text of the GP Guidelines is available at: <https://opr.ca.gov/planning/general-plan/guidelines.html>



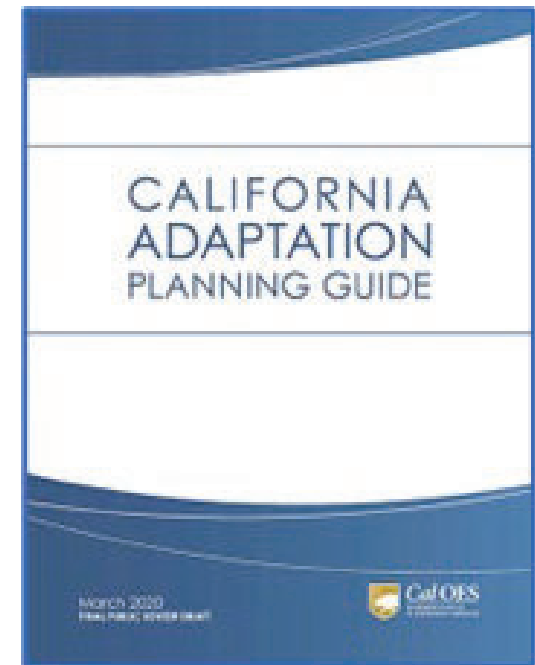
Climate Adaptation Planning

California Adaptation Planning Guide (APG)

<https://resilientca.org/apg/>

ICARP Grant Programs – new for FY22-23

- Local Adaptation Planning Grants (\$25M)
- Regional Resilience (\$500M)
- More info forthcoming at <https://opr.ca.gov/planning/icarp/grants/>





Thank you!

Erik de Kok, AICP

Deputy Director

Planning & Community Development, OPR

erik.dekok@opr.ca.gov

Drinking Water Well Principles
& Strategies are available in
Spanish and English

**GROUNDWATER MANAGEMENT PRINCIPLES & STRATEGIES
TO MONITOR, ANALYZE & MINIMIZE IMPACTS
TO DRINKING WATER WELLS:**

A Framework for State Action to
Support Drought Resilient Communities

**PRINCIPIOS Y ESTRATEGIAS DE CONTROL DE SUMINISTRO DE
AGUAS SUBTERRÁNEAS PARA SUPERVISAR, ANALIZAR Y
MINIMIZAR IMPACTOS EN LOS POZOS DE AGUA POTABLE:**

Un marco de acción estatal para
el respaldo a las comunidades resistentes ante la sequía

Drinking Water Well Principles and Strategies

Action 11. To ensure the potential impacts of drought on communities are anticipated and proactively addressed, the Department of Water Resources, in coordination with the Water Board, shall develop groundwater management principles and strategies to monitor, analyze, and minimize impacts to drinking water wells.

More information available at:

<https://water.ca.gov/Programs/Groundwater-Management/Drinking-Water-Principles>

Final Principles and Strategies

Provides a framework for continued State actions to proactively address and anticipate impacts to drinking water well users now and into the future.

Achieve	Drinking Water Resilience	 6 strategies
Integrate	Equity	 10 strategies
Address	Underlying Challenges	 8 strategies
Lead	With Best Available Data	 7 strategies
Build	Trusted Relationships	 6 strategies
Implement	Lasting Solutions	 9 strategies

Local Efforts related to SB 552 & SGMA

Water Shortage Planning & Groundwater Sustainability Planning

Counties

(state small water systems and domestic wells)



- Local County Task Forces shall invite interested parties, including **GSAs**
- Potential **drought and water shortage risk** and proposed **interim and long-term solutions** for state small water systems and domestic wells
 1. **Consolidations** for existing water systems and domestic wells
 2. **Domestic well drinking water mitigation programs**
 3. Provision of **emergency and interim drinking water solutions**
 4. An analysis of the **steps necessary to implement** the plan
 5. An analysis of local, state, and federal **funding sources** available to implement the plan

Groundwater sustainability agencies

(all groundwater beneficial uses and users)



- Consideration of all Groundwater Uses/Users
 - Includes **domestic well users and water systems** reliant on groundwater
- **Sustainable Management Criteria**
 - Minimum Thresholds
 - Measurable Objectives
 - Interim Milestones
- **Monitoring Networks**
 - Representative Monitoring Sites
- Develop and implement **Projects and Management Actions**

Local Planning

Adaptation

Long-Term Resilience

Drought Management

– Dry Well & Groundwater Tools & Assistance

- Drought.ca.gov
- [Drinking Water Principles](#)
- [Drought Executive Orders](#)

- [California Water Watch](#)
- [California Groundwater Live](#)
- [Dry Domestic Well Susceptibility](#)
- [SGMA Data Viewer](#)

- [Water Shortage Vulnerability](#)
- [Drought Planning \(SB 552\)](#)



- [Dry Well Reporting System](#)
- [Drought Assistance](#)

Drought Monitoring & Early Warning

1. California Water Watch - NEW

<https://cww.water.ca.gov/>

General Users

- Statewide and Local (address) Water Conditions
- Drought Information
- Daily Updates

Use Cases

- Understand and Communicate Current and Changing Conditions (Statewide & Local)

2. California's Groundwater Live - NEW

<https://sgma.water.ca.gov/CalGWLive/>

General Users

- Search by County, GW Basin, Address
- Groundwater Levels, Wells, Subsidence
- Weekly Updates

Use Cases

- Executive Order Action 9 – Well Permitting
- Tracking Groundwater Conditions and Impacts
- Groundwater Sustainability Planning & Imp.

3. Dry Domestic Well Susceptibility - NEW

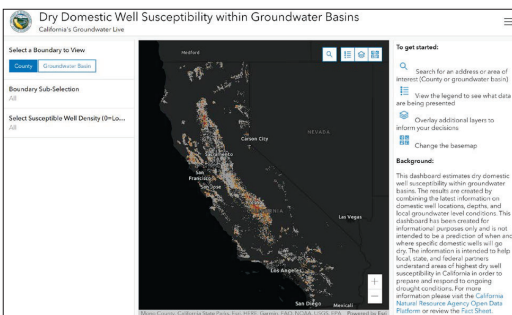
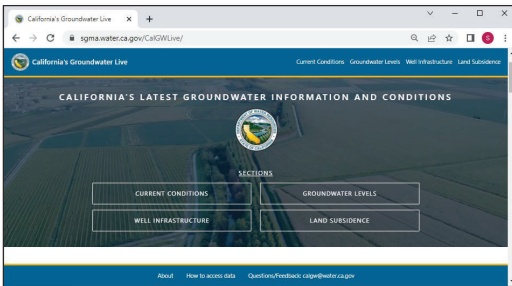
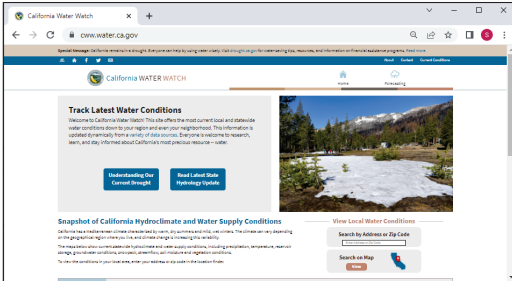
<https://sgma.water.ca.gov/CalGWLive/#wells>

Dry Well Assistance Providers & Drought Planners

- Search by County, GW Basin, Address
- Domestic Wells
- Recent Groundwater Level Trends
- Annual Updates

Use Cases

- Executive Order Action 9 – Well Permitting
- Drought Emergency Response – Dry Well Assistance
- Drought (SB 552) & Groundwater (SGMA) Planning
- Drinking Water Planning, Projects & Assistance



Mitigation, Preparedness & Response

➤ DWR's Updated Dry Well Reporting System

<https://mydrywell.water.ca.gov/>

Enhanced Site – Live Now

Users & Use Cases:

Public Users (English and Spanish) – No Sign-in Required

- Submit Dry Well Reports & View State/County Data Summaries

Local & State Government Users – Sign-in Required

- Submit, view, edit, and monitor Dry Well/Resolved Reports
- Notified whenever a dry well is reported within a county or set of counties if flagged as a Local Assistance Provider

Local & State Government Users – No Sign-in Required

- Notified whenever a dry well is reported within their county.
- To sign-up for notifications, email sgmps@water.ca.gov

Has your well gone dry?
Report it here to inform state and local agencies on drought impacts

Report your Dry Well and Find Resources Here
This site is for Californians experiencing problems with their private (self-managed) wells (not for residents served by a public water system already regulated by the State). Report your dry well in a few steps and find available resources.

Submit Report Envior Reporte Resources

Tracking Dry Wells in CA
Updated May 25, 2022

Dry Wells Reported - Last 30 Day 92 Reported — 100% increase (previous 30 days)	Dry Wells Reported - Year to Date 216 Reported — 72% decrease (from last year)	Dry Wells Reported - Since 2015 4,048 Reported (in 2015)
-------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------	--------------------------------------------------------------------

Statewide Summary Statewide Data

How is this information going to be used?
Information added to this site is intended to inform state and local agencies on drought impacts on household and certain agricultural water supplies. Collection of data is not to be construed as application for local, state or federal assistance. Individuals interested in assistance should visit the State's Drought Assistance web page. Information submitted through this site, except well owner name, contact information and personal address, will be visible to the public.

Data Collection Entails:

- Contact information for a household experiencing a dry well, in order to connect with local and state assistance providers
- Water shortage issue and location
- Well by state (optional)
- Reporting agency or local government information

Drought & Groundwater-related Resources

State of California Drought website – please visit: drought.ca.gov

- **Drought Data & Forecasting Information:**
 - DWR’s California Water Watch: cww.water.ca.gov
 - DWR’s California’s Groundwater Live: sgma.water.ca.gov/CalGWLIVE
 - DWR/Board Dry Domestic Well Susceptibility: sgma.water.ca.gov/CalGWLIVE/#wells
- **How to Report a Dry Well to the State:** mydrywell.water.ca.gov
- [Drinking Water Well Principles and Strategies framework](#) (2021)
 - Drinking Water Well Guidance for Groundwater Sustainability Agencies (currently under development, coming Summer 2022)
- **How-to-Find:**
 - [Your County Drought Emergency Contact](#)
 - [Your Groundwater Sustainability Agency](#)
 - [Long-term Groundwater Sustainability Plans](#)
- **DWR Drought Funding:**
 - [Small Community Drought Relief Funding](#)
 - [Urban and Multi-Benefit Drought Relief Funding](#)
 - Drought Funding Project [interactive dashboard](#)
- [Free Leak Detection Program](#) for Small Water Systems and Tribes through the California Rural Water Association
- **Small Water Systems & Counties implementing Drought Planning Efforts** (2021): [SB 552 Program](#)



Q&A WITH THE PANEL





SHORT BREAK

[5 minutes]

Local Planning Activities tied to SB 552



Sierra Ryan

County of Santa Cruz
Environmental Health



CALIFORNIA DEPARTMENT OF
WATER RESOURCES



SANTA CRUZ COUNTY
ENVIRONMENTAL HEALTH

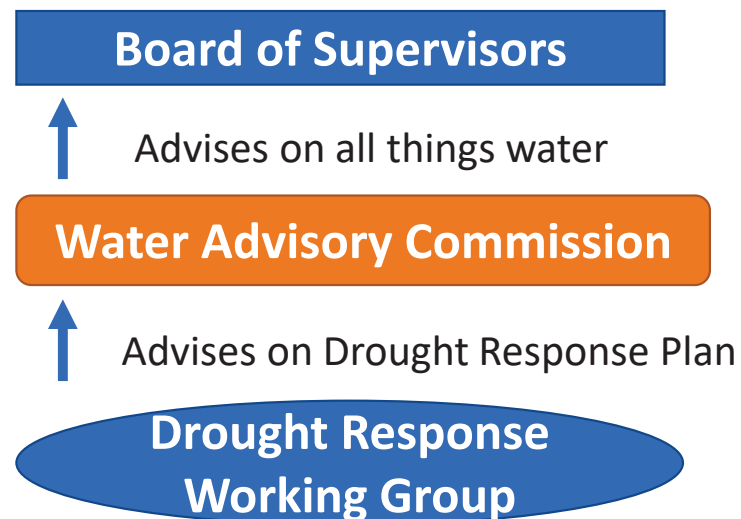


Senate Bill 552

Santa Cruz County Compliance Strategy

Santa Cruz County Approach

- The existing County Water Advisory Commission will take on the responsibility of a standing body to implement SB 552
- Outside perspectives are included through the Drought Response Working Group, a Subcommittee of the Water Advisory Commission



Drought Response Working Group

Representative Entity	Selected By
Water Advisory Commission (Small water systems)	Selected by Commissioners
Water Advisory Commission	Selected by Commissioners
Water Advisory Commission	Selected by Commissioners
Pajaro Valley Water Management Agency	Selected by Agency Board
Santa Cruz Mid-County Groundwater Agency	Selected by Agency Board
Santa Margarita Groundwater Agency	Selected by Agency Board
RCAC	Selected by RCAC Staff
At-Large Environmental	Application Process
At-Large Domestic Well or SWS Customer	Application Process

PHASED APPROACH TO SB552 COMPLIANCE



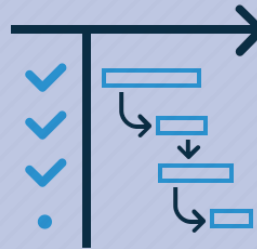
1. Prioritization and early planning

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

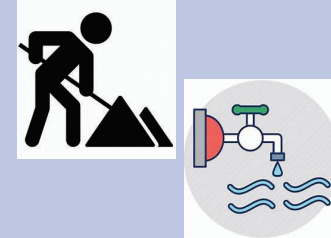


2. Continued planning & early design

Grant-writing
Feasibility/cost studies
Technical studies
Conceptual designs



3. Begin implementation of plans and strategies



Goals



1. Compile existing data and identify actions to optimize the County data collection system in order to inform recommendation-making for County, State or individual well systems.
2. Provide guidance for directing County resources for specific feasibility/planning efforts, changes to County Code, and agreements/MOUs
3. Inform Climate Action and Adaptation Plan

Meeting 1:
Work group
process and
groundwater
overview
May 13,
2022

- Introductions, background information, schedule and goals
- Summary of water resources in the County
 - Wells, small water systems, GSAs, and areas with known groundwater supply problems
- CAAP: Climate change and mitigations
- Legal framework: current and upcoming requirements
- Action items and next steps



Meeting 2: Private Wells June 16, 2022

- Individual Water Systems - permits and existing data
- Priorities for drought grant funds
- Components of a well mitigation strategy
- Emergency supply
 - What is best role for the County?
- Long-term solutions
 - Direction for planning/feasibility grant proposals



Meeting 3:
Small Water
Systems
July 20, 2022

- Vulnerability assessment
- Barriers to consolidation
- Upcoming requirements
 - Which systems will not be able to meet them?
- Encouraging dedicated maintenance funds
- Prioritize locations for intertie and consolidation feasibility studies

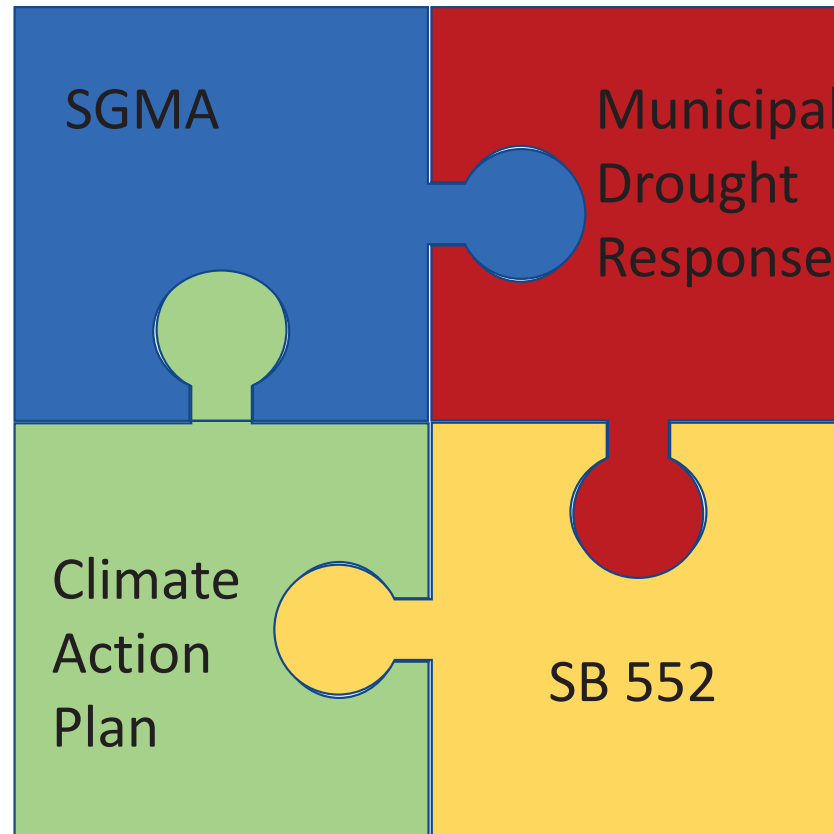


Meeting 4:
Next Steps
August 16,
2022

- Policies, laws, ordinances
- Processes and flow charts
- Planning grant priorities
- Emergency response protocols
 - MOUs for water trucks, LAFCO streamlining
- Funding (CSAs, small water systems)
- Potential funding sources (Hazard Mitigation Grants, SAFER, others)



Water Supply Security Puzzle



SGMA

- Prevents groundwater depletion
- Geographically limited to defined Basins
- Looks at levels regionally, does not protect individual wells.
- Exempts droughts from “sustainability”
- Eligible for SGMA-related funding

Municipal Drought Response

- Provides municipal alternatives to groundwater during drought
- Eligibility for resilience and infrastructure funding
- Fills gaps left by SGMA (drought impacts) and SB 552 (source water for emergency supplies)

Climate Action Plan

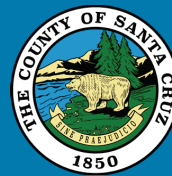
- Models future hydrologic regime and sea level rise regionally
- Looks at impacts of drought beyond water supply for people such streamflow reduction and fire
- Looks for system wise mitigation and adaptation
- Eligible for several funding sources

SB 552

- Drought specific resiliency for small and individual systems
- Will require evaluation of secondary supplies, either interties or second wells
- A lot of emphasis on water hauling, where to get that water?
- Covers the entire County

Questions?

Thank You



Julia Ekstrom

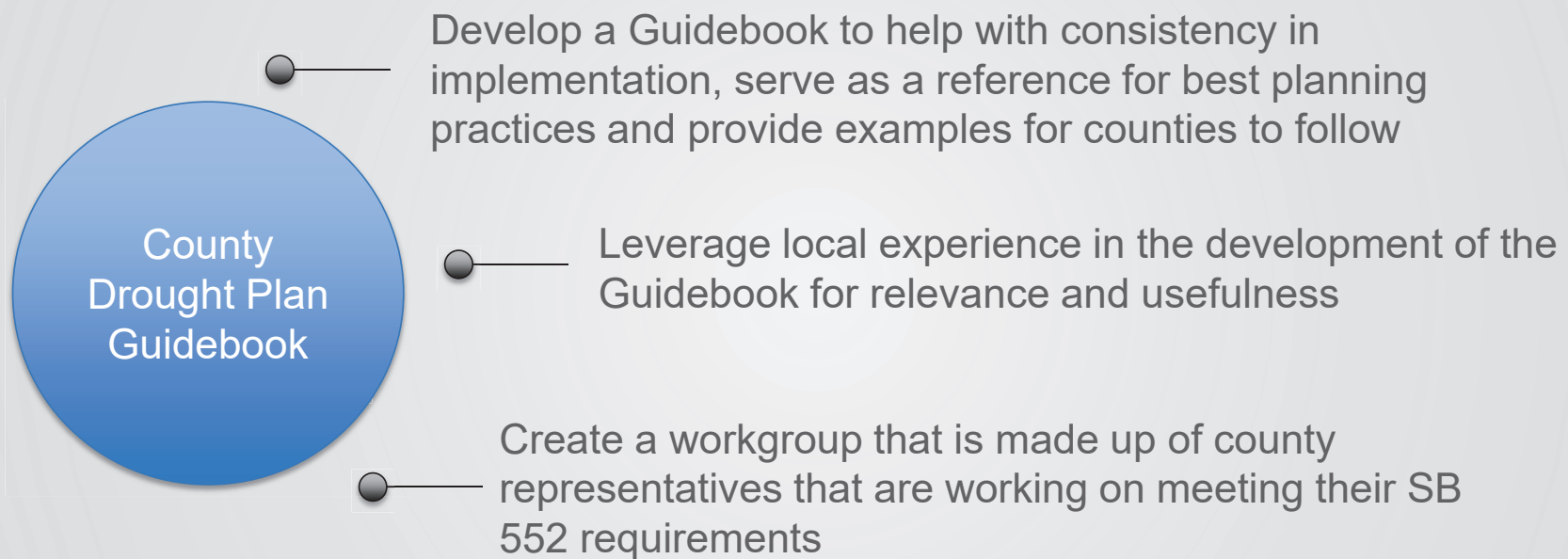
California Department of Water Resources, Water Use Efficiency Branch

Maritza Flores Marquez

Stantec Consulting Services Inc.

GUIDEBOOK DEVELOPMENT AND TECHNICAL SUPPORT

Guidebook Development



Proposed Guidebook Content

1. Introduction
2. County Drought and Water Shortage Task Force
3. Drought and Water Shortage Risk Assessment
4. Emergency and Interim Drinking Water Solutions
5. Domestic Well Mitigation Program
6. Consolidation Program
7. Implementation Plan
8. Technical and Financial Assistances
9. Data, Tools and Other Resources



Workgroup

WHO:

12 county representatives who are actively preparing to develop a county drought plan

WHEN:

June to October 2022

WHAT:

1. Review draft guidebook sections
2. Attend up to (4) 2-hour meetings
3. Participate in individual as-needed discussions

WHY VOLUNTEER?

- Learn from and support each other
- Work with state agency staff to develop their own County Drought Plan
- Leverage lessons learned and collective knowledge

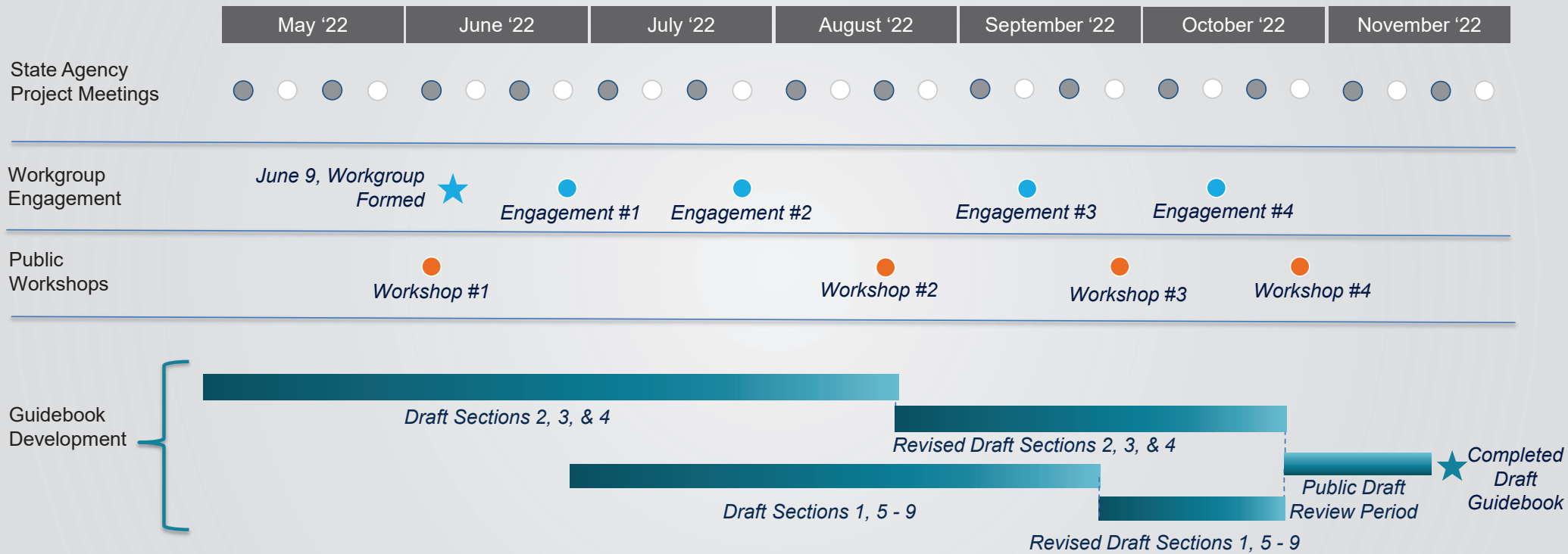
HOW:

Complete Survey by Friday June 3 5pm via <https://forms.office.com/g/tweLfEhtS8>

or



Guidebook Development Timeline



Technical Assistance: Possible Additional Assistance Under Consideration

- Financial assistance for plan development
- Technical assistance for guiding and/or facilitating County Drought Plan development
- Facilitation support for Task Force process
- Others?

Poll Question: Which of these types of assistance would be most beneficial to you?



Please include in the Chat Panel additional ideas for support.



Julia Ekstrom

California Department of Water Resources, Water Use Efficiency Branch

WRAP UP AND NEXT STEPS

Engagement Opportunities Recap

Your input is critical to the development of a Guidebook that is relevant and helpful to Counties!

- ✓ **Respond to the survey** – What type of State assistance could be most useful?
- ✓ **Join the workgroup** - Directly inform the Guidebook development
- ✓ **Participate in upcoming workshops** - Next workshop to review Sections 2-4 will be scheduled in August
- ✓ **Provide additional comments/questions** directly to DWR (email WUE@water.ca.gov, and please use subject heading 'Counties Guidebook')
- ✓ Review and share Workshop recording and ppt presentation which will be posted to the DWR SharePoint <https://cawater.sharepoint.com/sites/dwr-cdp/docs-public/SB%20552%20%20Small%20Water%20Suppliers>
Please email WUE@water.ca.gov if you need to be added to the SharePoint.
- ✓ Provide comments during the public comment period (late fall) to help finalize the Guidebook

