



# Contra Costa County Drought Resilience Plan (DRP)

Transportation, Water &  
Infrastructure Committee

October 14, 2024



# Senate Bill 552 Requirements

- A County shall
  - establish a standing county **drought and water shortage task force** to facilitate drought and water shortage preparedness for *state small water systems* and *domestic wells* within the county's jurisdiction.
  - develop a **County Drought Resilience Plan** that includes potential drought and water shortage risk and proposed interim and long-term solutions.

Primer of Senate Bill 552:  
Drought Planning for Small Water  
Suppliers and Rural Communities

Prepared by



And



May 2022

[Primer-of-SB-552-052522\\_final.pdf \(ca.gov\)](#)



# Definitions

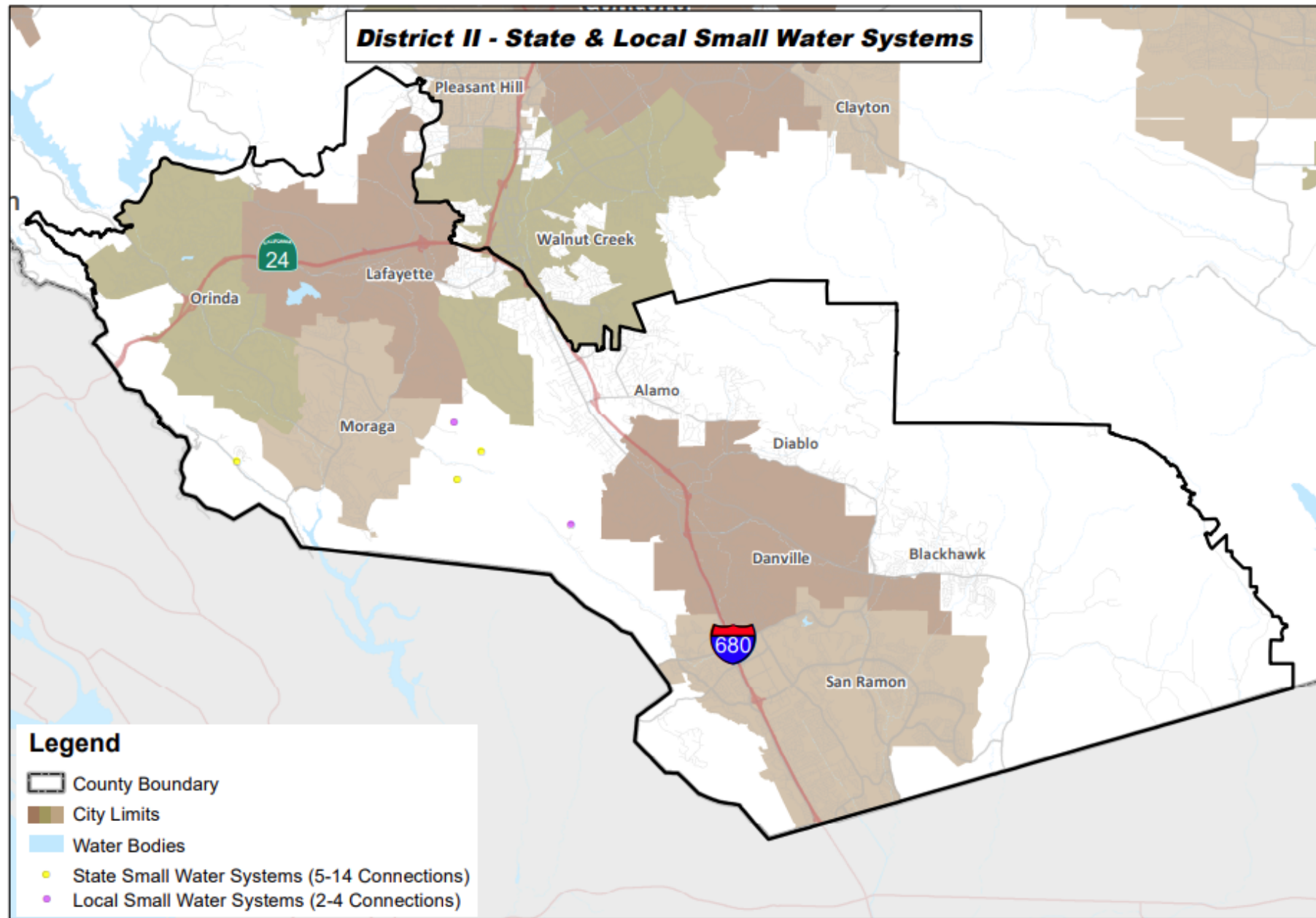
\* Refer to the Water Code or [Primer-of-SB-552-052522\\_final.pdf \(ca.gov\)](#) for other related definitions.

- **State Small Water Systems (SSWS):** A system for the provision of piped water to the public for human consumption that serves at least 5, but not more than 14, service connections and does not regularly serve drinking water to more than an average of 25 individuals daily for more than 60 days out of the year, as defined in Section 116275 (n) of the Health and Safety Code.
- **Domestic Well:** A groundwater well used to supply water for the domestic needs of an individual residence or a water system that is not a public water system and that has no more than 4 service connections, as defined in Section 116681 of the Health and Safety Code.
- **Local Small Water Systems:** As defined by County ordinance, serves 2 to 4 connections.
- **Drought:** A period of abnormally dry weather that results in water shortages.
- **Water Shortage:** a condition in which the demand for water exceeds the available supply.

Water Code §10609.51(k)

Water Code §10609.51(m)

Senate Bill 552 provides these definitions and is intended to help small water suppliers and rural communities prepare for and respond to droughts and water shortages, **regardless of the source of their water supply.**

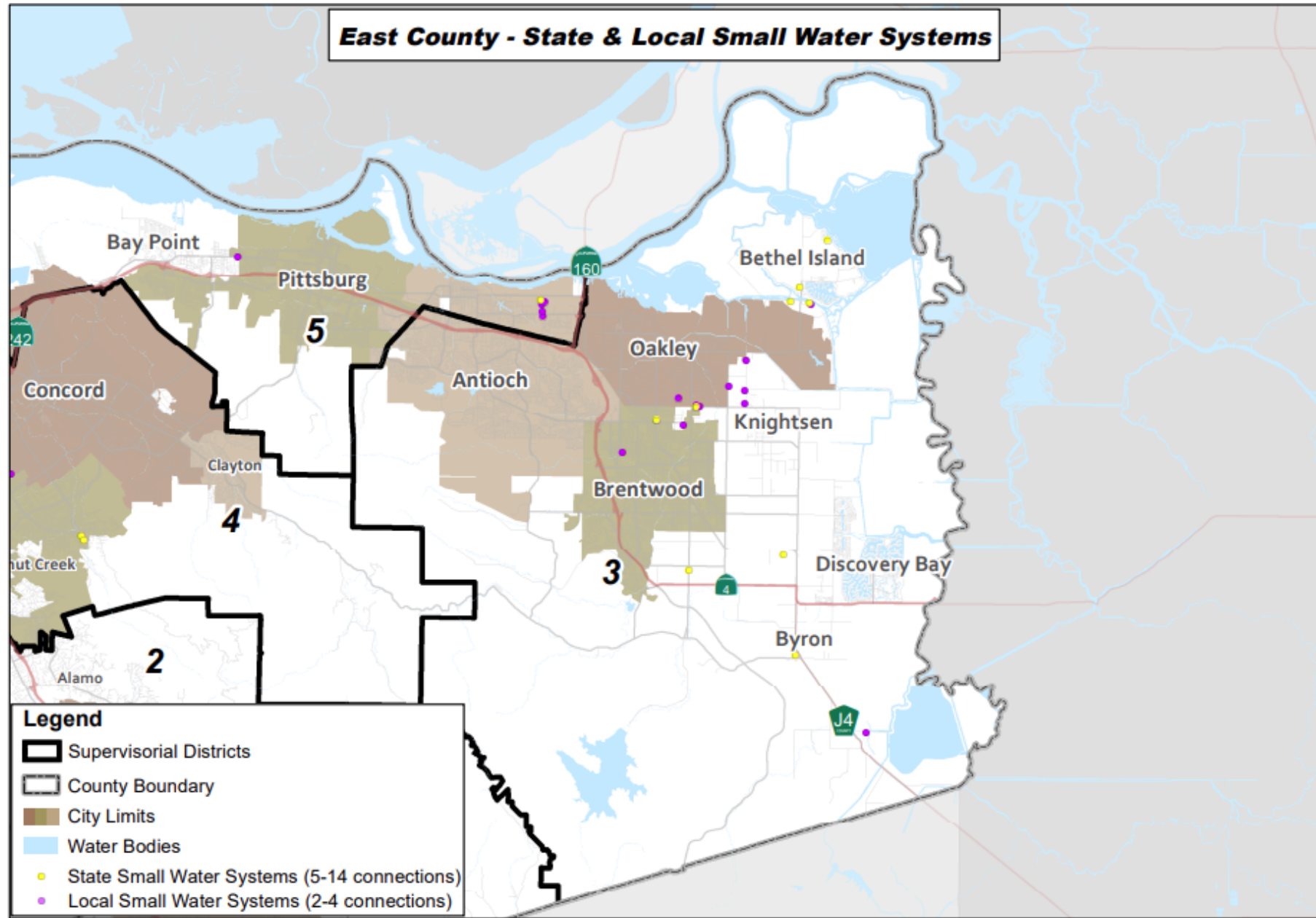


0 1 2 4 Miles

Map Created 4/19/2024  
by Contra Costa County Department of  
Conservation and Development, GIS Group  
30 Muir Road, Martinez, CA 94553  
37.59-41.791N 122.07-03.756W

This map was created by the Contra Costa County Department of Conservation and Development with data from the Contra Costa County GIS Program. Some base data, primarily City Limits, is derived from the CA State Board of Equalization's tax rate areas. While obligated to use this data the County assumes no responsibility for its accuracy. This map contains copyrighted information and may not be altered. It may be reproduced in its current state if the source is cited. Users of this map agree to read and accept the County of Contra Costa disclaimer of liability for geographic information.





0 1.5 3 6 Miles

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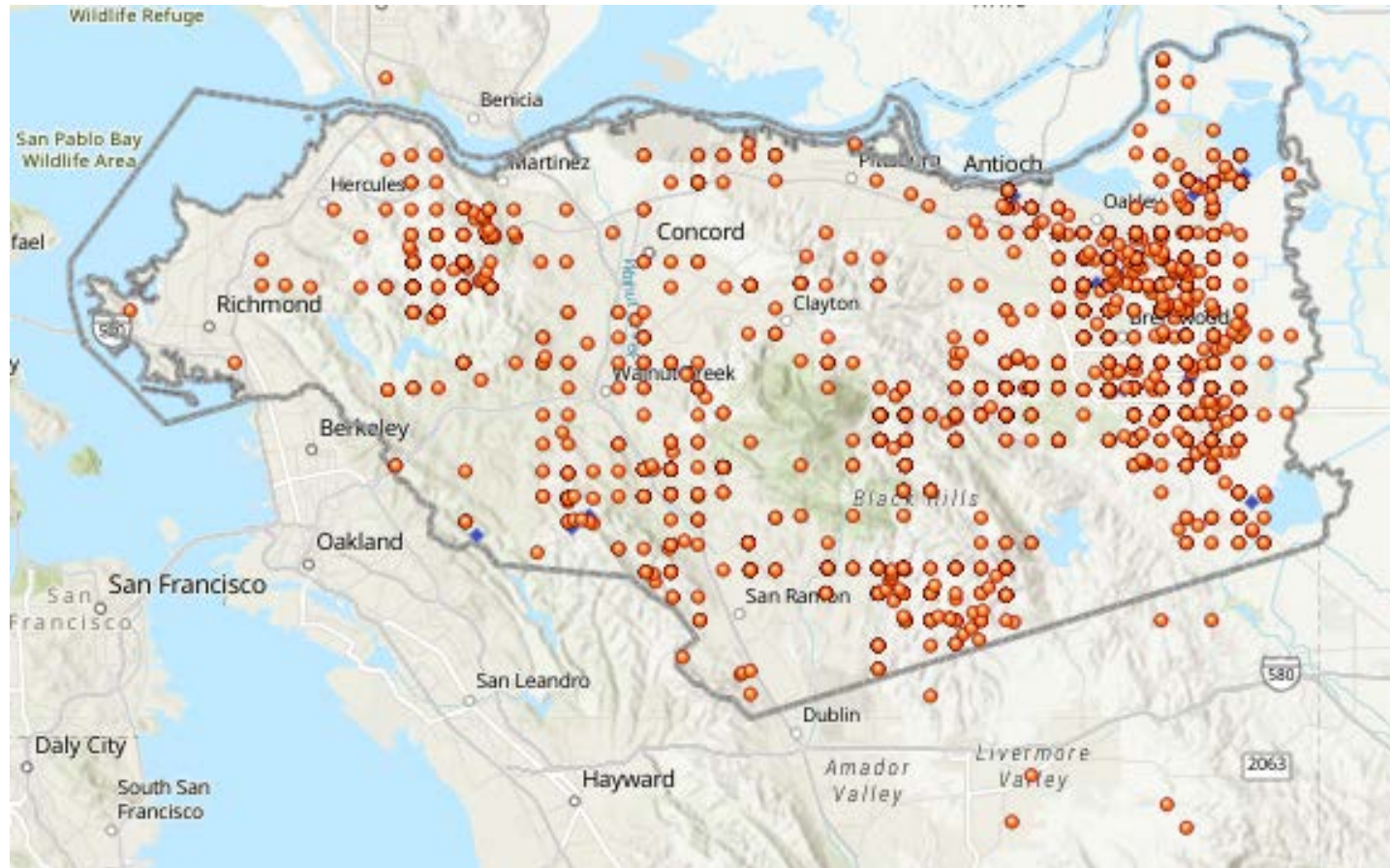
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# Domestic Wells



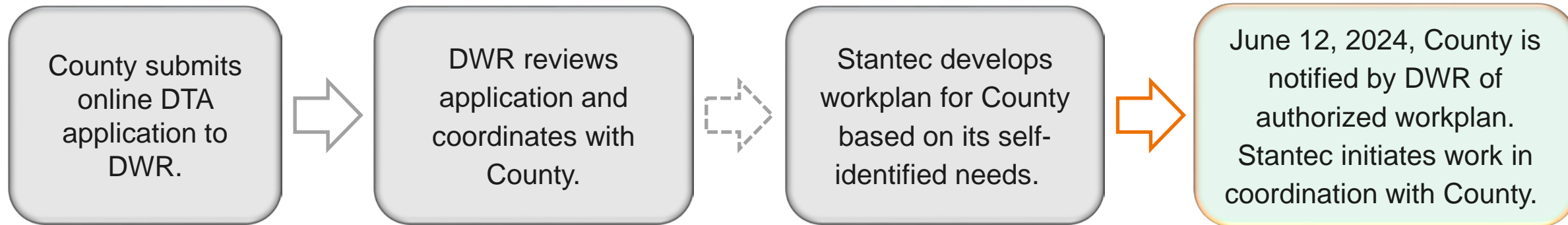
- 2,259 domestic wells in Contra Costa County
- Data from DWR Water Shortage Vulnerability Explorer, based on Well Completion Reports submitted after the mid-1970s
- Incorrect information in reports may result in domestic wells displaying outside of County boundaries



# County Drought Resilience Planning Assistance Program



County is participating in DWR's Direct Technical Assistance (DTA) Program, which includes consultant services from Stantec up to \$125,000.





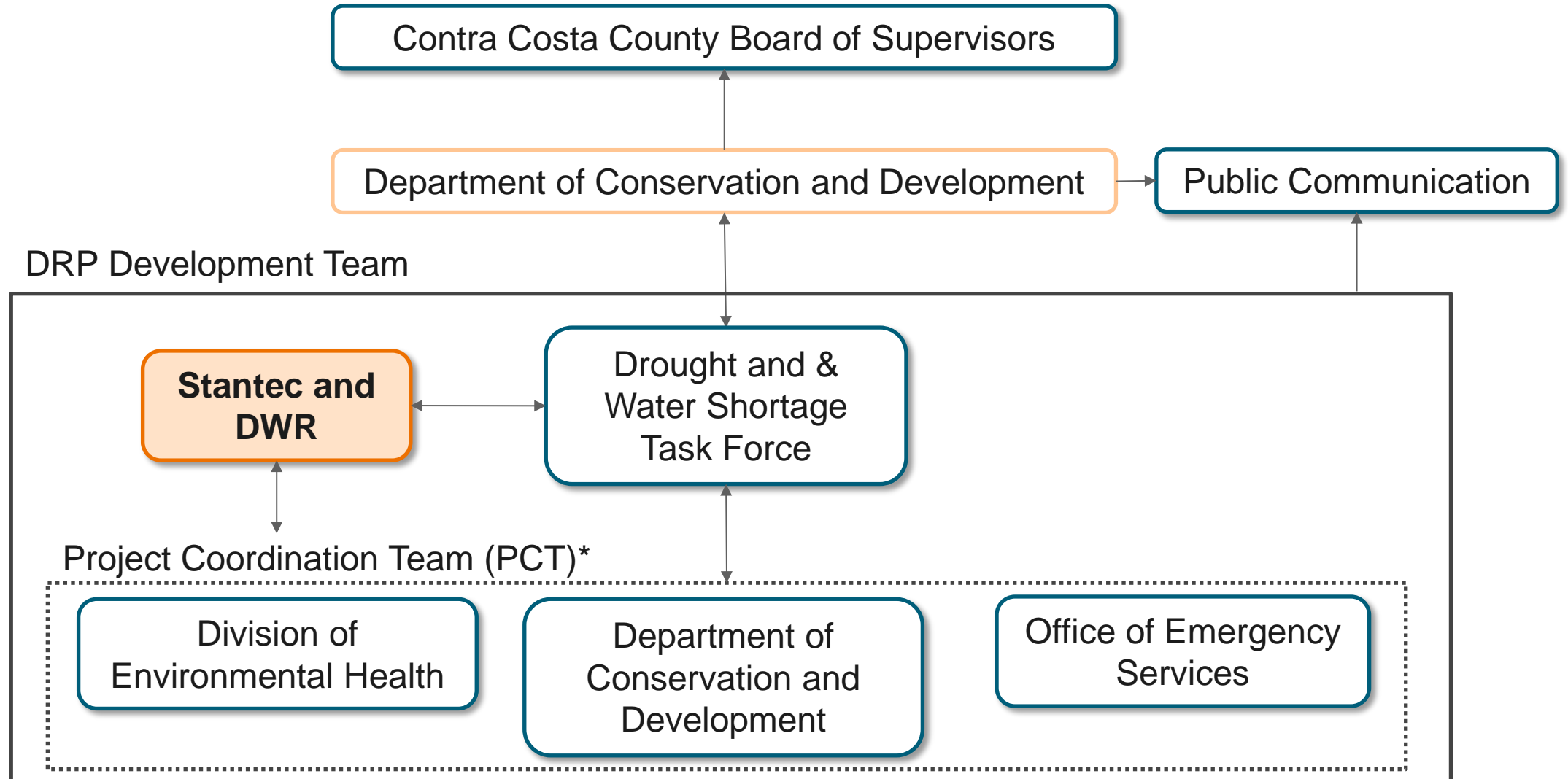
# Contra Costa County Drought Resilience Plan

- Stand-alone document
- Supports:
  - Existing County Plans
    - General Plan
    - Climate Action Plan
    - Local Hazard Mitigation Plan
  - Groundwater Sustainability Plans
- Facilitates drought and water shortage preparedness for:
  - State small water systems
  - Domestic wells
- Plan for the future





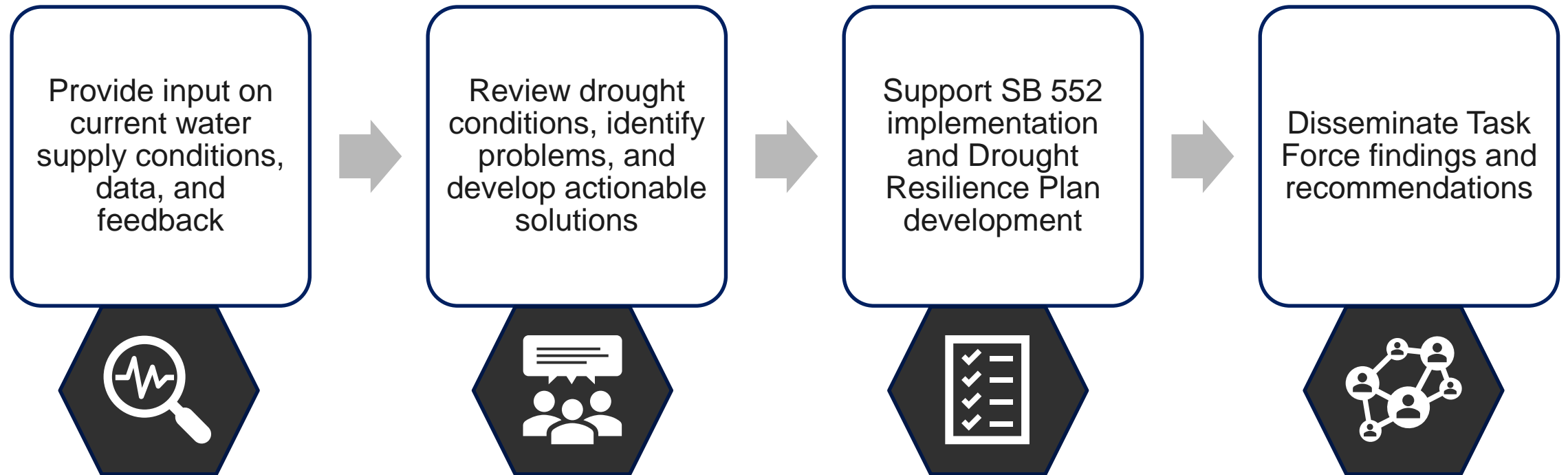
# Proposed Organizational Framework



\*With support from the Departments of Agriculture and Public Works



# Drought and Water Shortage Task Force Responsibilities



The Task Force is made up of County staff, groundwater sustainability agencies, water providers, and state agencies.



# 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

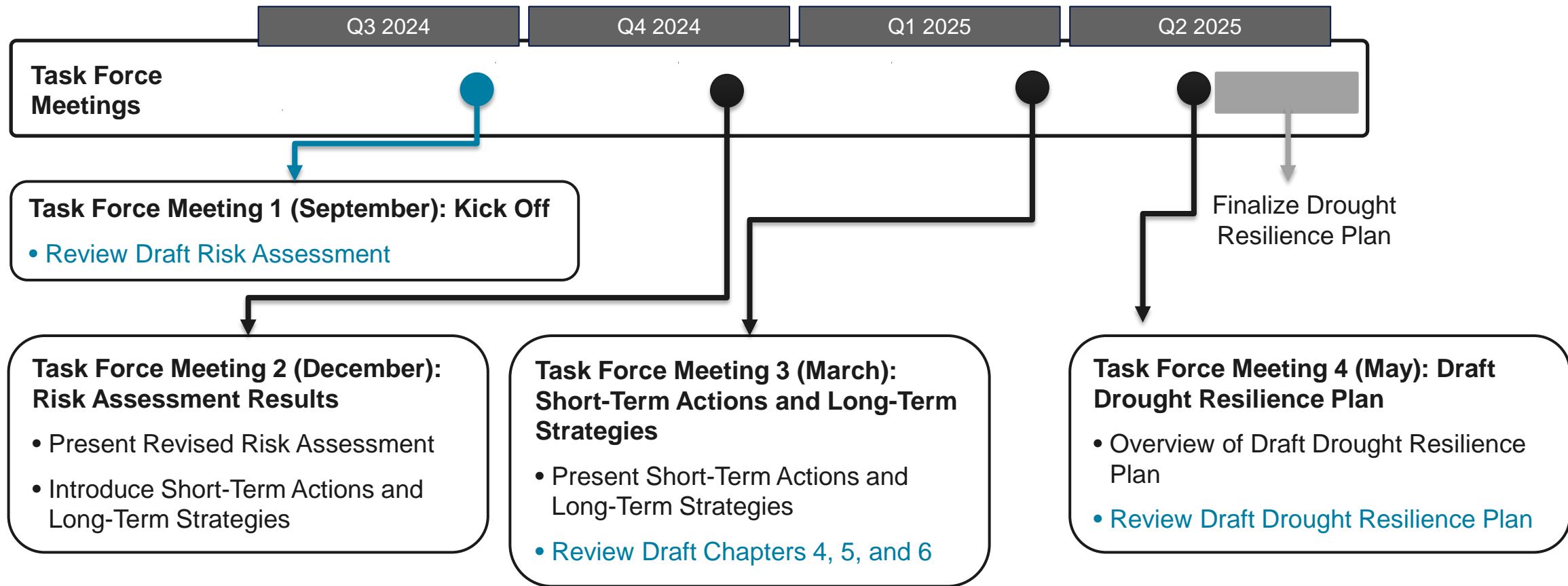


# Communications and Engagement

- Internal Communications and Engagement
  - Project Coordination Team and Task Force
  - Task Force Meetings and Review of Draft Materials
- External Communications and Engagement
  - Documented in Communications and Engagement Framework
  - Potential Public Outreach Methods:
    - Website, distribution list, social media posts, public meetings, etc.
    - Workshops
    - Presentations at Municipal Advisory Councils



# Looking Ahead







# Thank you!

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