



**County of Monterey
Drought Resilience Plan (DRP)**

**Drought Advisory Group
Meeting 2**

September 18, 2024

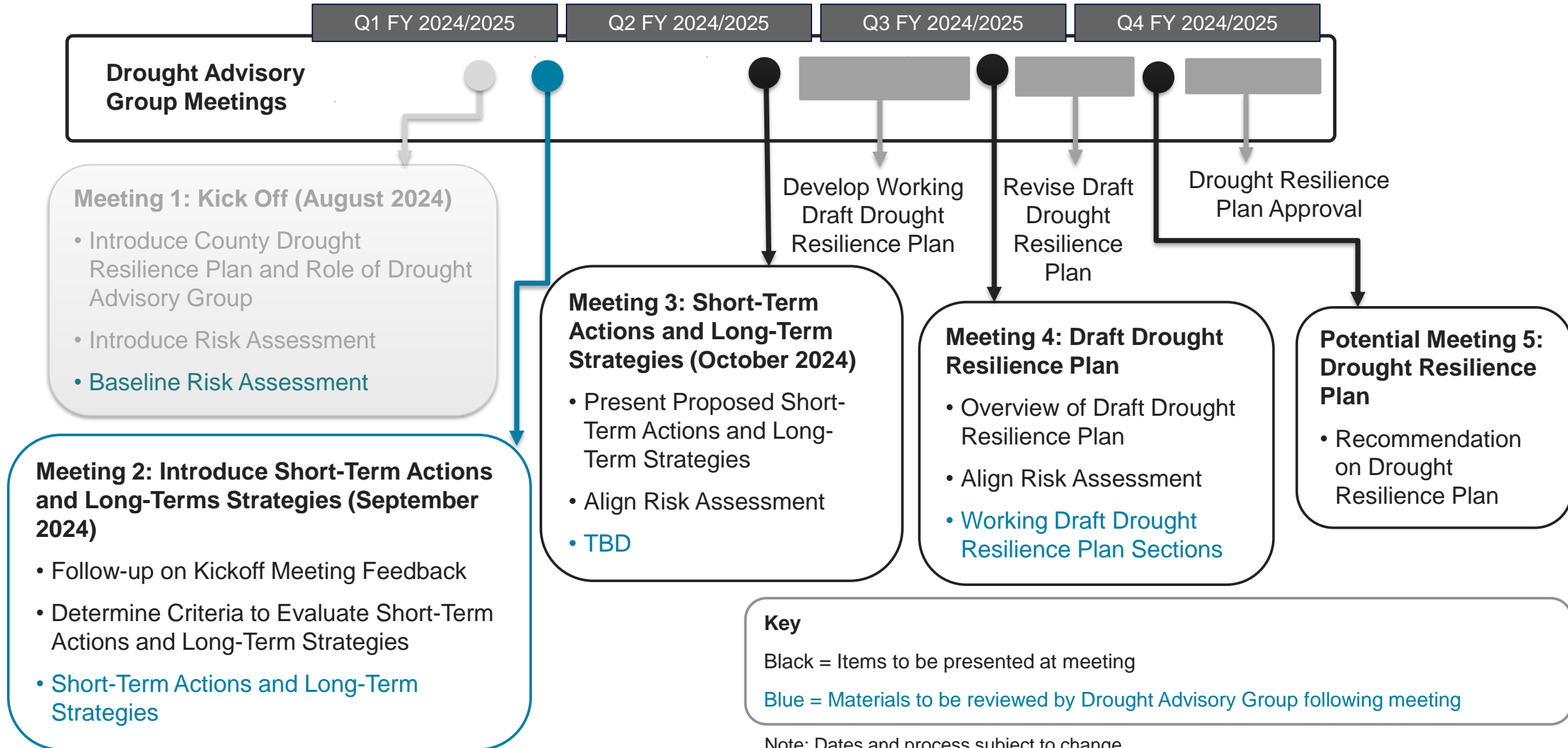
Welcome and Introductions

Recap of Drought Resilience Plan Process and Preliminary Risk Assessment Updates

Recap: Drought Resilience Plan Development Process



Working Draft Drought Advisory Group Meeting and Review Schedule



Recap: Drought Advisory Group Meeting 1 – Drought Resilience Plan Content

- Chapter 1: Introduction
- **Chapter 2: County Drought and Water Shortage Advisory Group**
- **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

Summary of Drought Advisory Group Feedback Received Following Kickoff Meeting

- DAG Meeting Facilitation
 - Documents provided in advance of meetings, summaries distributed
- Risk Assessment Methodology
 - Weighting, risk factors
 - Considerations to be compiled and provided to DWR
- Drought Resilience Plan Considerations and Guidance
 - Risk Assessment
 - Updated Regions of Water Shortage Vulnerability
 - Integration of Additional Local Risk Factors or Data Sources (not in tool) to rectify identified data gaps
 - Considerations for Risk Assessment

Summary of Drought Advisory Group Feedback Received Following Kickoff Meeting (cont.)

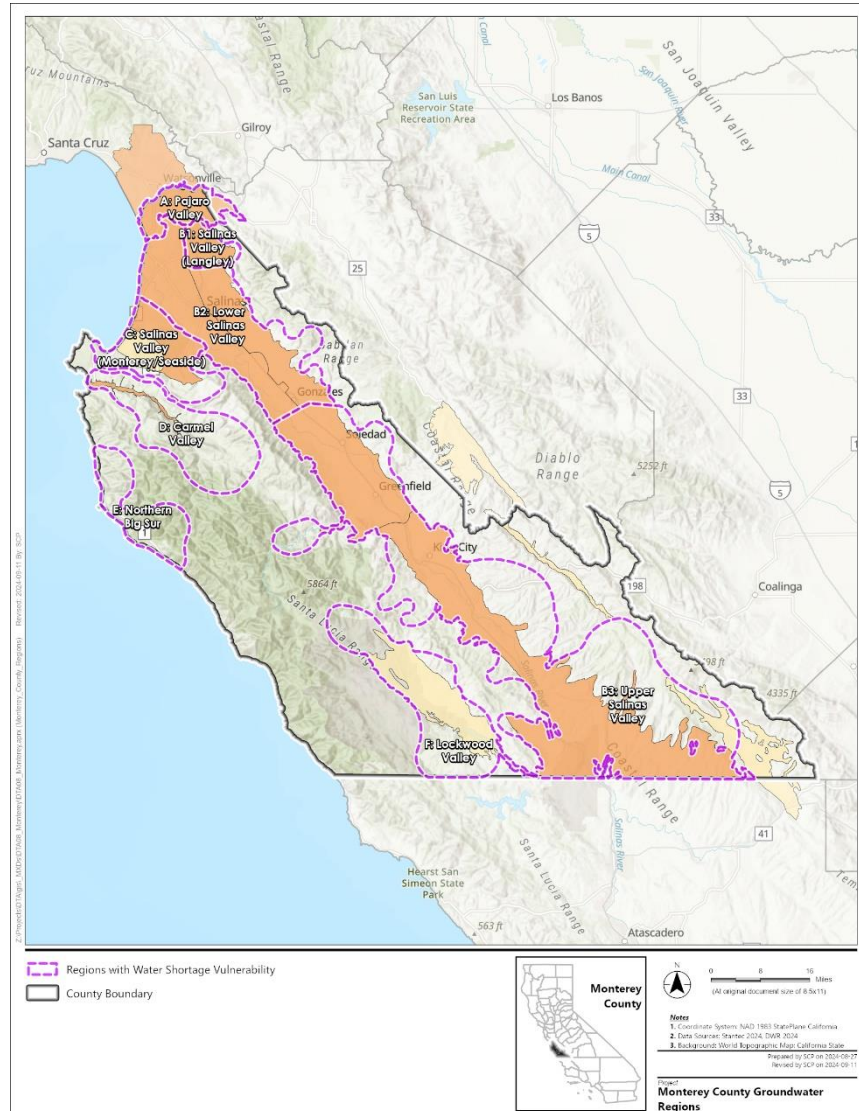
- Drought Resilience Plan Considerations and Guidance (cont.)
 - Additional Resources to be Considered in Drought Resilience Plan Development (risk assessment, coordination with other existing plans)
 - Triggers for drought/water shortage event
 - Implementation and Funding Considerations
 - Identification of Data Gaps
 - Integration of Drought Advisory Group Feedback

Feedback to be Integrated into the Drought Resilience Plan, as Applicable

Updated Regions with Water Shortage Vulnerability

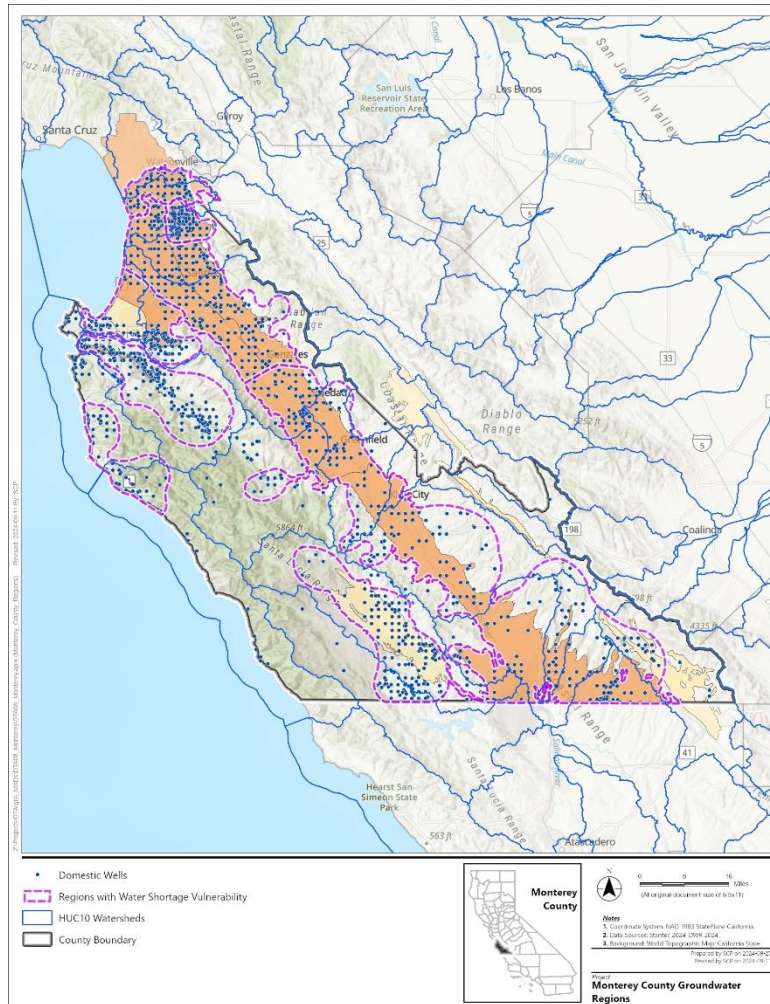
Updated in Consideration of
Drought Advisory Group
Feedback

**Requesting Feedback:
Revised Areas of Vulnerability**

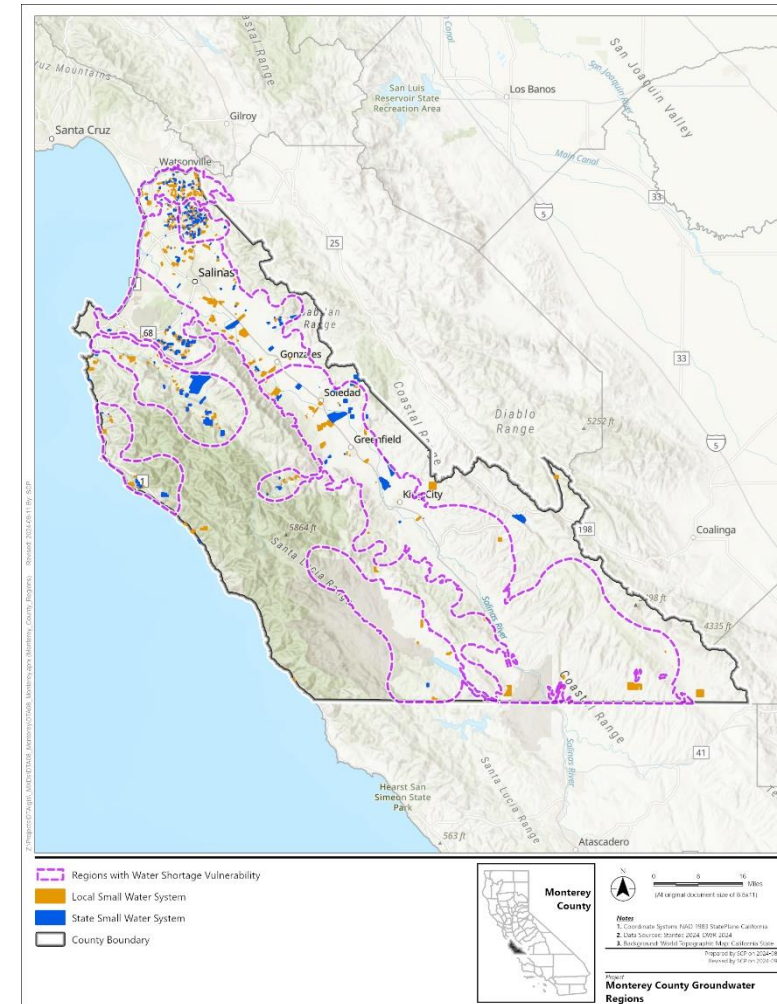


Updated Regions with Water Shortage Vulnerability

Vulnerability – Domestic Wells and Small Systems

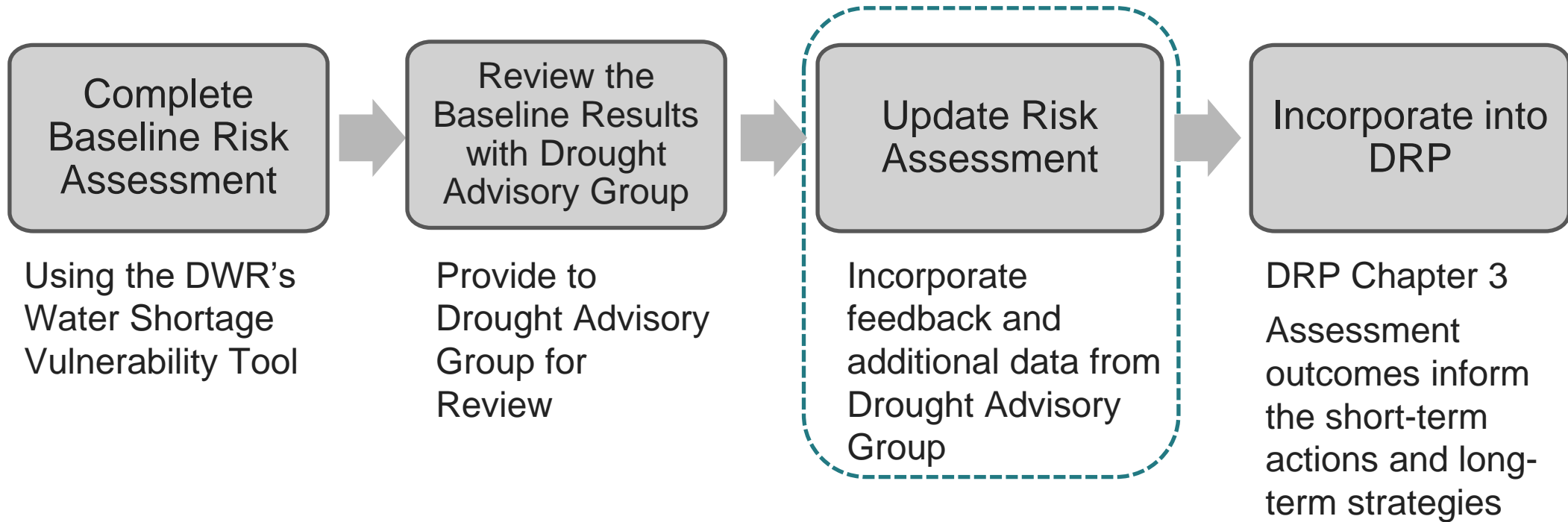


Domestic Wells



State and Local Small Water Systems

Risk Assessment Process Update



Overview of Short-Term Actions and Long-Term Strategies

County of Monterey Drought Resilience Plan

Plan elements to include:

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

Minimum Considerations for implementation include:

- **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

Definitions

Short-Term **Actions mitigate impacts** during drought/water shortage onset and throughout a drought/water shortage event

Long-Term Mitigation **Strategies reduce the vulnerability** to drought/water shortage events

The DRP will identify actions and strategies and develop an implementation strategy

Drought Advisory Group Meeting 2 – Drought Resilience Plan Content

- Chapter 1: Introduction
- Chapter 2: County Drought and Water Shortage Advisory Group
- 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**

Drought Resilience Plan: Short-Term Actions

Outcomes

- Accessible process for County to follow at the onset, and during, a drought or water shortage emergency
- Details on how to distribute interim drinking water supplies during a water shortage emergency

Anticipated Drought Resilience Plan Content: Short-Term Actions

- Drought Resilience Plan – Chapter 4
 - Evaluate readiness of short-term actions
 - Document development of Water Shortage Emergency Response Plan and Water Distribution Checklist
- Water Shortage Emergency Response Process – Appendix
 - Straightforward reference to apply when needed
 - Concise, easy future updating by County
- Emergency and Interim Drinking Water Distribution Checklist – Appendix
 - Clear steps to provide emergency water supplies
 - Concise, easy future updating by County

Short-Term Actions Overview

- DRP to include Water Shortage Emergency Response Plan
 - Stages (green/yellow/red assessment level) tied to conditions
 - Atmospheric, wildfire, earthquake, contamination, etc.
 - Portfolio of actions tied to stages
 - Emergency and Interim Drinking Water Distribution Checklist
 - Communication strategy
- Actions to be Evaluated
 - Emergency and Interim Drinking Water Supplies
 - Mutual Aid Agreements
 - Permit streamlining for well construction, deepening, and rehabilitation
 - Intertie activation

**Requesting Feedback: Applicable Short-Term Actions
for County of Monterey**

Short-Term Action: Water Shortage Emergency Response Process

- Organize short-term response actions around three general stages
 - Green Stage: No Major Drought/Water Shortage Issues
 - General proactive communications
 - Yellow Stage: Drought is Occurring
 - Encourage proactive responses
 - Red Stage: Water Shortages Are Occurring or Could be Imminent
 - Activate Emergency and Interim Drinking Water Distribution Checklist
- Include clear roles, responsibilities, and contact info for County and non-County organizations

Requesting Feedback: Water Shortage Emergency Response Process

Long-Term Mitigation Strategies Overview

- DRP will evaluate potential long-term strategies:
 - System consolidation
 - Regional water infrastructure
 - Well rehabilitation and deepening
 - Groundwater monitoring network
 - Permitting new wells
 - Education and Outreach
 - Drinking Water Well Mitigation Programs
 - Coordination with GSAs
- Drinking Water Well Mitigation Programs
 - Identify those from GSPs
 - Opportunities to integrate with County-led strategies

Requesting Feedback: Applicable Long-Term Mitigation Strategies for County of Monterey

Long-Term Mitigation Strategies: Evaluation Approach Overview

- Opportunity to mitigate the vulnerability of local small, state small, and domestic wells to water shortages
- Acceptability by well owners and operators
- Resources required to implement
 - County staff time, monetary, physical and non-physical barriers

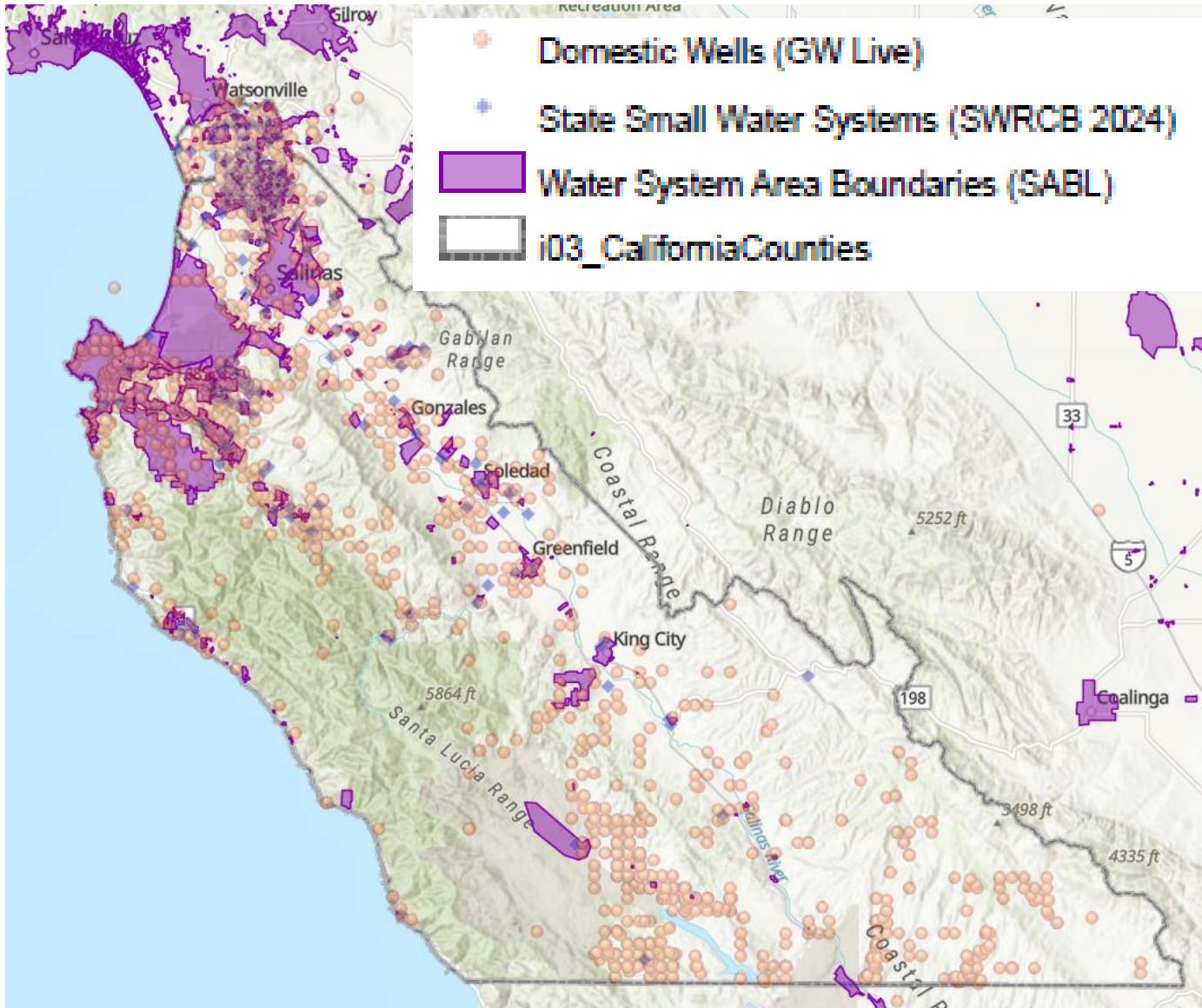
Example Table to be Used in the Evaluation Process:

System Consolidation

Criteria	Assessment (e.g., Low, Moderate, etc.)	Justification
Region A		
Opportunity to Address Water Shortage Vulnerability	<i>Level</i>	<i>Justification</i>
Acceptability by Owners and Operators	<i>Level</i>	<i>Justification</i>
Resource Requirement to Implement	<i>Level</i>	<i>Justification</i>

Requesting Feedback: Evaluation Process

Long-Term Mitigation Strategies: Example Evaluation Approach – Consolidation



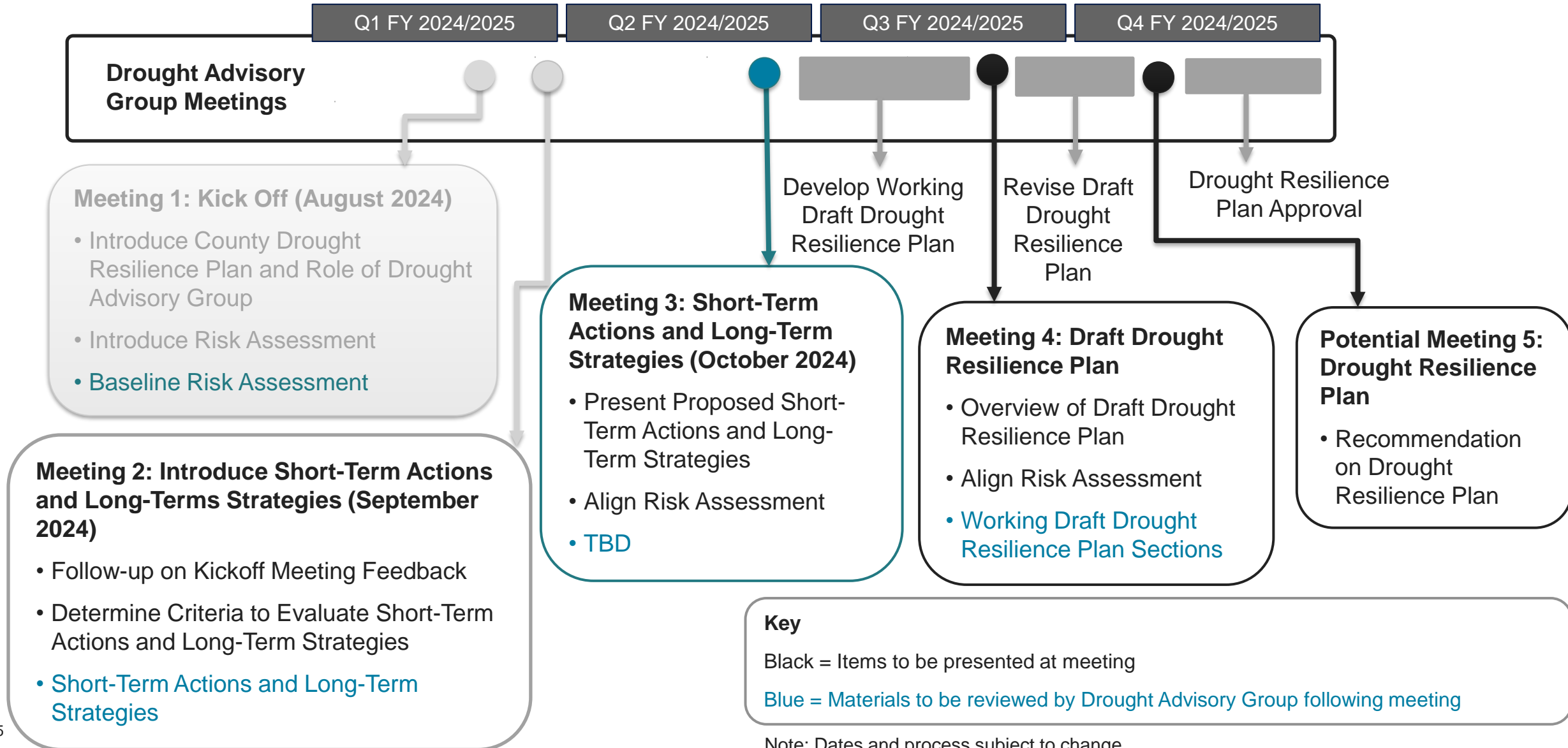
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Discussion and Questions

Upcoming Meetings and Next Steps

Working Draft Drought Advisory Group Meeting and Review Schedule – Next Steps



Closing and Next Steps

- DAG Members to provide proposed **Short-term Actions and Long-term Strategies Feedback**: Requested to be provided via email to swsdroughtadvisorygroup@countyofmonterey.gov by **COB Friday, October 4, 2024**
- DAG Meeting 3: October 30, 2024 9:30 – 11:45 AM
 - Present Proposed Short-term Actions and Long-term Strategies
 - Revisit Risk Assessment
- Questions or Concerns:
swsdroughtadvisorygroup@countyofmonterey.gov