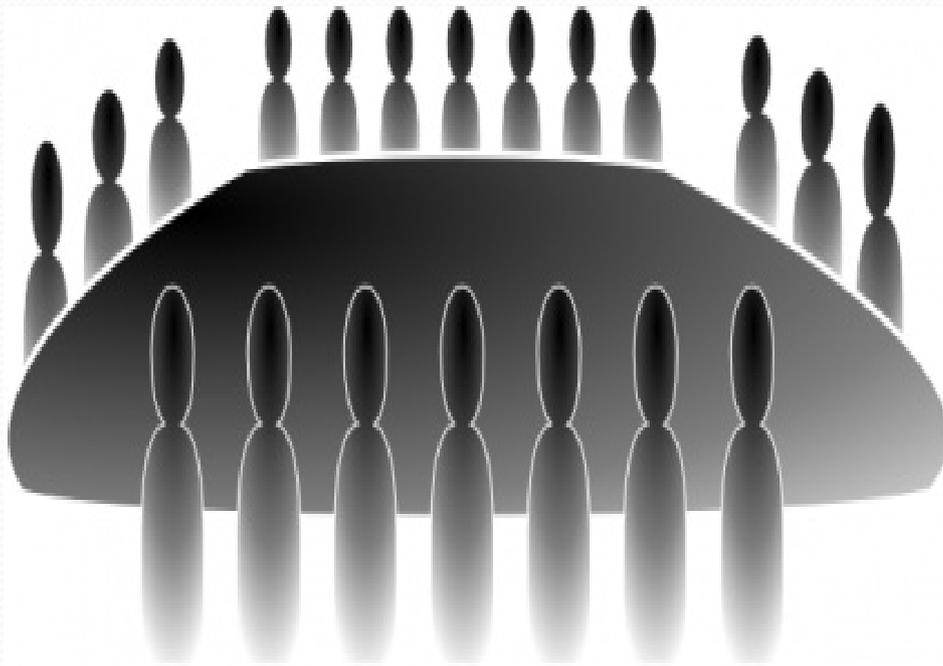


Sustainable Groundwater Management in California



**SJV Partnership Meeting
December 5, 2014**

**DeeDee D'Adamo
State Water Resources Control Board**

Vital Resource Under Stress



Unsustainable Groundwater Management



Poor management = problems

Call to Action From Key Leaders



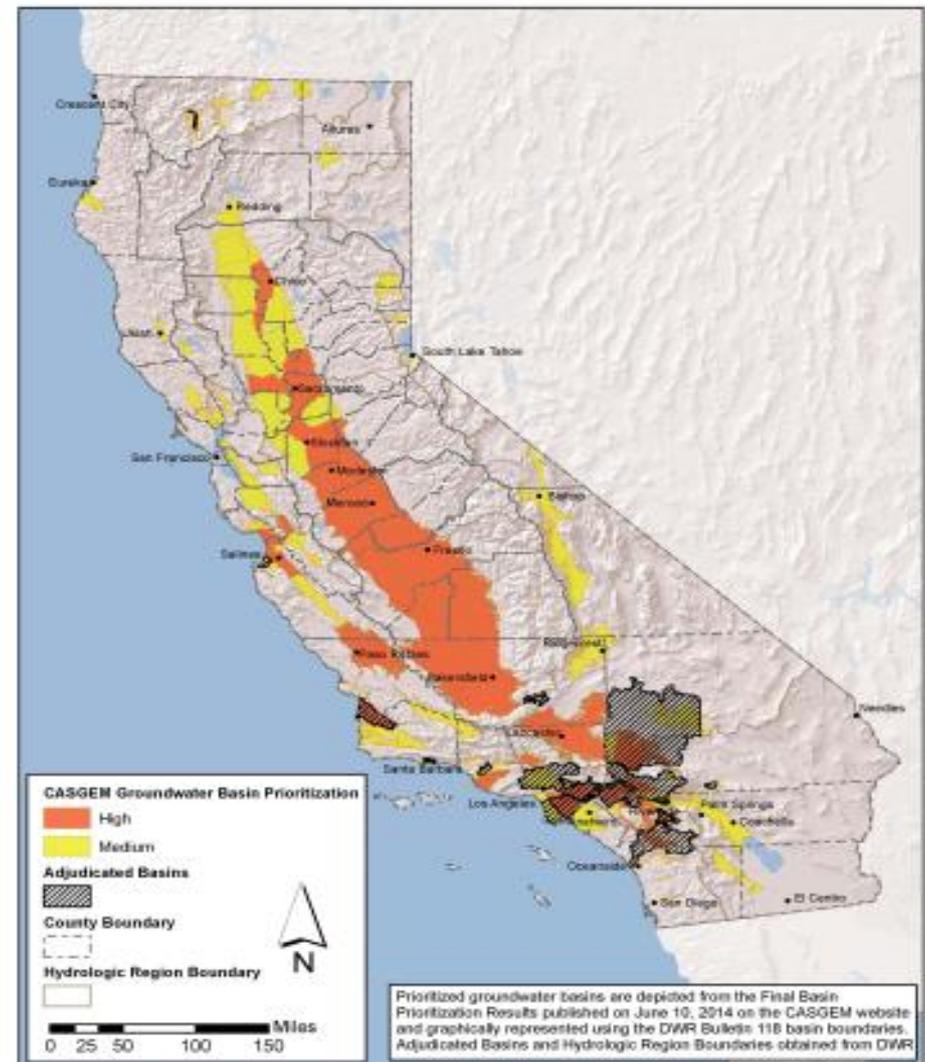
The Sustainable Groundwater Management Act of 2014

- Requires sustainable groundwater management
- Promotes local control



The Sustainable Groundwater Management Act of 2014

- Requires GW sustainability plans in high- and medium-priority basins
- Provides management tools for local agencies
- Creates state “backstop”
- Defines time frame for accomplishing goals



New Local Management Tools

- Empowers GSAs to
 - Register groundwater wells
 - Measure extractions
 - Require reports
 - Manage Extractions
 - Assess Fees
- Exempts local groundwater sustainability plans from CEQA
- Establishes “sustainability goal” over time to guide management



Time Frame for Success

Time	Action	
6/30/2017	Formation of GSAs	<input checked="" type="checkbox"/>
1/31/2020	Completion of GSPs in critically overdrafted basins	<input checked="" type="checkbox"/>
1/31/2022	Completion of GSPs in all other basins	<input checked="" type="checkbox"/>
20-year implementation period	Implementation of GSPs under local management	<input checked="" type="checkbox"/>

**These actions shield local regions
from state intervention**

“Backstop” - State Board Intervention

After	Cause of Intervention
June 30, 2017	No GSA
Jan. 31, 2020	In critically overdrafted basins, no GSP or GSP is inadequate
Jan. 31, 2022	In other basins, no GSP or GSP is inadequate and basin is in long-term overdraft
Jan. 31, 2025	GSP is inadequate and significant depletions of interconnected surface waters

In all triggering events, intervention is the result of a failure by the locals to take action.

Undesirable Results:

- Chronic lowering of groundwater levels (not including overdraft during a drought, if a basin is otherwise managed); **AND**
- Significant and unreasonable:
 - reductions in groundwater storage
 - seawater intrusion
 - degradation of water quality
 - land subsidence
 - surface water depletions adversely impacting beneficial uses

PREPARING FOR THE FUTURE

California Water Action Plan



Comprehensive Plan

- Make Conservation a Way of Life
- Regional Self-Reliance & Integrated Water Management
- Achieve Co-Equal Goals in the Delta
- Protect & Restore Important Ecosystems
- Expand Storage Capacity & Improve Groundwater Management
- Provide Safe Water for *All* Californians
- Prepare for Drought and Flooding

Increase Regional Self-Reliance & Integrated Water Management



Expand Water Storage Capacity & Improve Groundwater Management



FIGURE 8: OCWD GROUNDWATER RECHARGE SITE (SOURCE: OCWD) 14

Thank you

DeeDee D'Adamo, State Water Board Member

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For more information:

- groundwater.ca.gov – information on legislation to be posted soon

- www.water.ca.gov/groundwater – DWR Groundwater Information Center (2014 Groundwater Report)

- www.waterboards.ca.gov/water_issues/programs/groundwater – State Water Resources Control Board groundwater page