

### May 14, 2015

## Sustainable Groundwater Management Program Update

#### California Department of Water Resources



### **Presentation Outline**

- SGMA Brief Overview
- DWR's SGM Program Draft Strategic Plan
- Basin Boundary Regulations
- Stakeholder Resources

### Sustainable Groundwater Management Act

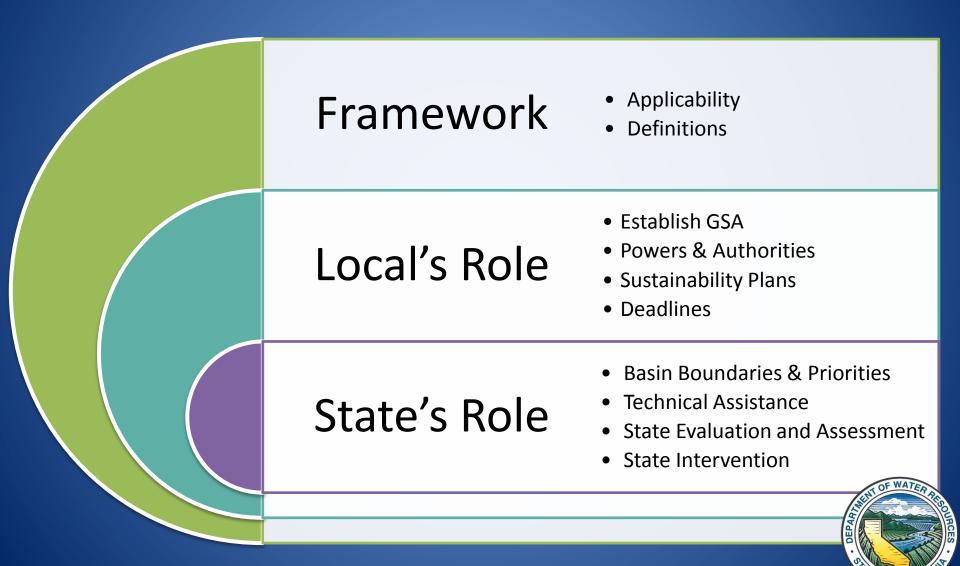
#### • KEY PRINCIPLES

Groundwater best
managed at the local
& regional level



- Groundwater needs to be managed sustainably
- Local agencies should have necessary authority & tools
- State assistance and oversight intervention only when needed

### SGM Overview



### SGM

- Required for High- and Medium Priority Basins
- Empowers GSAs:
  - Register groundwater wells
  - Measure extractions
  - Manage extractions
  - Require reports
  - Assess fees
- Creates State "Backstop"
- Establishes "sustainability goal"



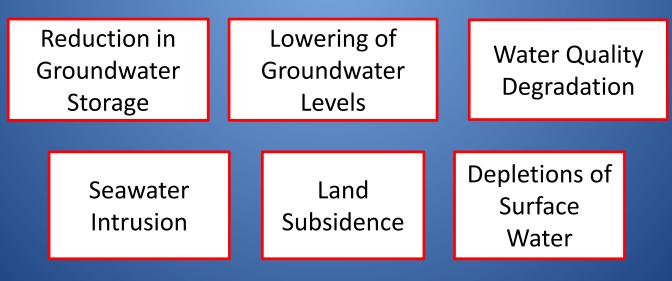




### Sustainability

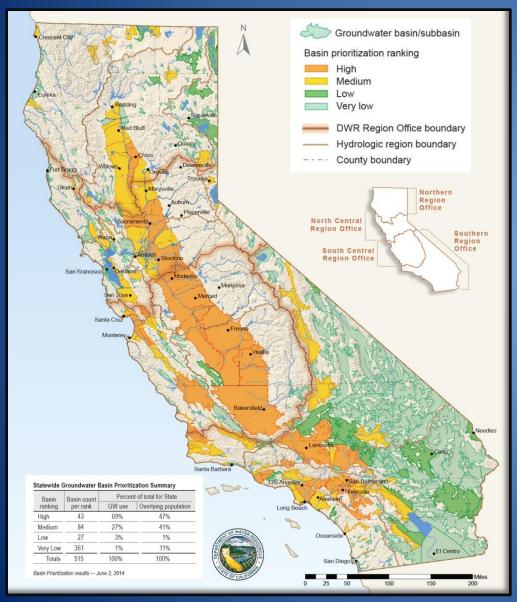


#### "Undesirable Results"





### **CASGEM Basin Prioritization**



#### Statewide Breakdown

Basin	Basin Count		of Total for gic Region	
Ranking	per Rank	GW Use	Overlying Population	
High	43	69%	47%	
Medium	84	27%	41%	
Low	27	3%	1%	
Very Low	361	1%	11%	
Totals	515	100%	100%	

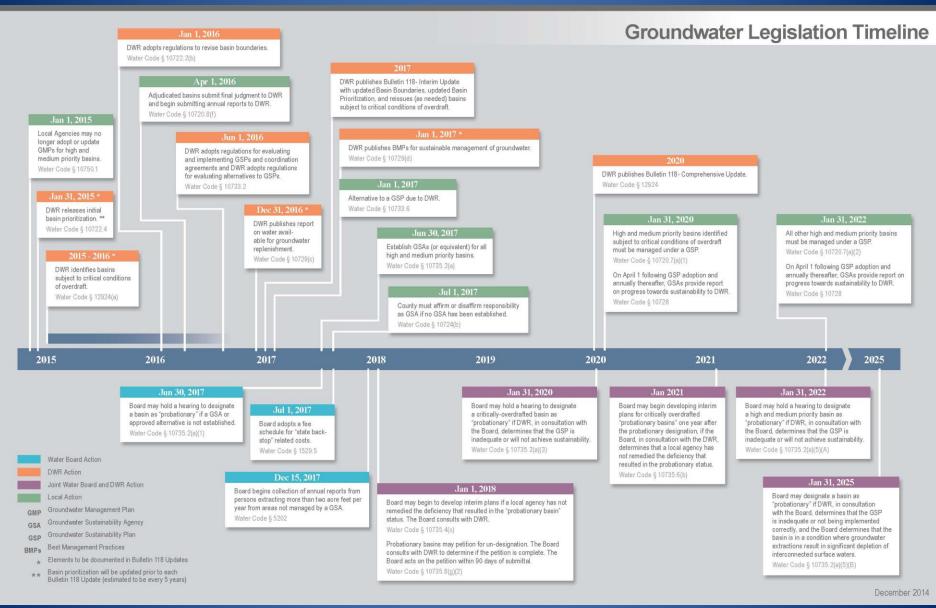
#### 127 High & Medium Priority basins

- 96% of groundwater use
- 88% of overlying population

http://www.water.ca.gov/groundwater/casgem/



### Sustainable Groundwater Management Act





### **Time Frame for Success**

Time	Action	
6/30/2017	Formation of GSAs	
1/31/2020	Completion of GSPs in critically overdrafted basins	
1/31/2022	Completion of GSPs in all other basins	J
20-year implementation period	Implementation of GSPs under local management	

These actions shield local regions from state intervention



### Near Term Implementation: 2015-2016

- Release Initial Basin Priority (completed)
- Identify Basins Subject to Overdraft Conditions
- Adopt Regulations to Revise Basin Boundaries
- Adopt Regulations to Evaluate and Implement GSPs and Coordination Agreements
- Adopt Regulations to Evaluate Alternatives to GSPs
- Publish Report on Water Available for Groundwater Replenishment



Groundwater Sustainability Management Program Draft Strategic Plan

#### DWR's Sustainable Groundwater Management Program - Strategic Plan



California Department of Water Resources

Groundwater Sustainability Program **Draft** Strategic Plan



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Realignment of Basins and Establishment of Basin Governance (2015-2017)	Development and Adoption of Groundwater Sustainability Plans (2017 – 2020/22)	through V	Management Nater Budgets 22 – 2040/42)		Grou	tainab undwa ageme 2 and be	ter ent
2015 2016 20	017 2018 2019 2	020	2030 2	040			FUT
Objective 1: Develop a Frame		water Manage	ement				
Action 1.1 Develop Comprehens							
Action 1.2 Update Basin Prioritiz	ations			ONGO	NG		
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Action 1.3 Develop Best Manage	ement Practices						
Action 1.4 Develop and Adopt R	egulations for Basin Boundary	Revisions					
		the fact that the second		0000			
Action 1.5 Develop and Adopt R	egulations for Groundwater Su	stainability Plai	n Assessment and	IGSP/	viternativ	ves	
Action 1.6 Identify Basins Subject	ct to Critical Conditions of Over	draft					
Action 1.7 Evolutio Adamana a	Courselantes Custainshility DI			_			
Action 1.7 Evaluate Adequacy of	r Groundwater Sustainability Fi	ans					
Objective 2: Provide Statewide			stainability Agen	cies			
Action 2.1 Develop a Groundwa	ter Management Information Sy						
Action 2.2 Collect Groundwater	Quality Data	ONGOING					
		ONGOING					
Action 2.3 Collect Groundwater	Elevation Data	ONGOING					
Action 2.4 Collect Subsidence D	ata						
		ONGOING					
Action 2.5 Establish Well Standa	ards						
Action 2.6 Implement the CASG	EM Program						
Action 2.7 Promote Water Conse	anuation	ONGOING					
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Objective 3: Provide Statewide Action 3.1 Update Bulletin 118 (i			vater Sustainabil	ity			
Action 3.2 Integrate Groundwate	er Information into Bulletin 180	(2018 and ever	v 5 vears	0	0	<b>•</b>	0
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Action 3.3 Local Assistance for F	Recharge Projects						
Objective 4: Assist State and	TBD GSA Alignment and Provide F	Financial Assi	stance				
Action 4.1 Alignment for Manage		15					
Action 4.2 Provide Financial Ass	istanoo	ONGOING					
Action 4.2 Provide Financial Ass	Istance						
Action 4.3 Provide Education an	d Communication Assistance						
Action 4.4 Provide Excilitation a	nd Engagement Assistance						
Action 4.4 Provide Pacification at							
Objective 5: Provide Interregio							
	ntation of Storage and Convey	ance Projects					
Objective 5: Provide Interregio Action 5.1 Assist in the Impleme	ntation of Storage and Convey 118D	ance Projects					
Objective 5: Provide Interregio Action 5.1 Assist in the Impleme Action 5.2 Provide Information o	ntation of Storage and Convey TBD n Surface Water Reliability	ONGOING					
Objective 5: Provide Interregio Action 5.1 Assist in the Impleme	ntation of Storage and Convey TBD n Surface Water Reliability	ONGOING					

## **Basin Boundary Regulations**

### **Basin Boundary Regulations Process**

#### Phases of Implementation

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#### Scoping

- Notify OAL
- Collect Issues from Stakeholders
- Coordinate with SWRCB & CWC

#### Draft Framework

- Public Listening Sessions
- Present and Receive Input from Advisory Groups and Public

#### Draft Emergency Regulations

- Required Public Meetings
- Present and Receive Input from Advisory Groups and Public

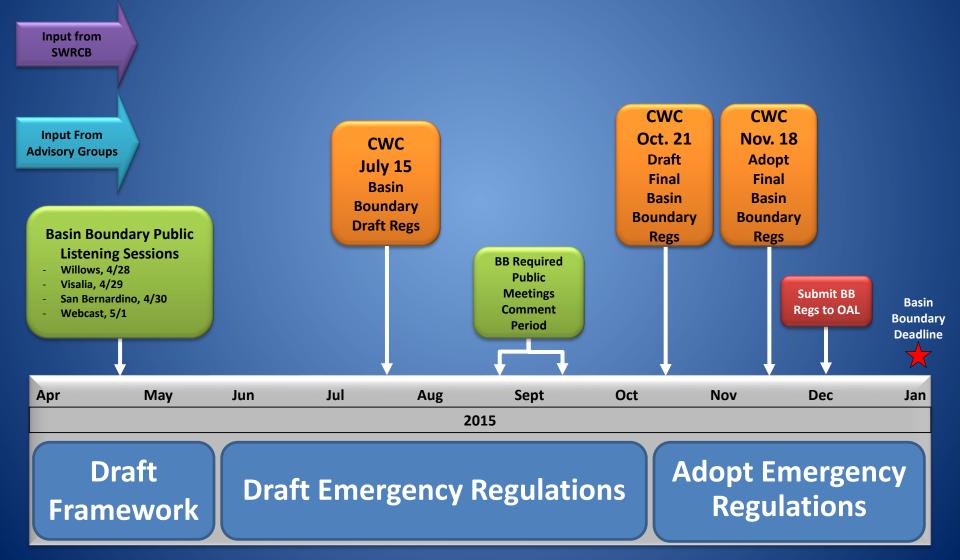
#### Adopt Emergency Regulations

- CWC Approval
- Noticing and
   Submittal to OAL

#### Input and Feedback from the CWC and SWRCB

CWC – California Water Commission SWRCB – State Water Resources Control Board OAL – Office of Administrative Law

# Basin Boundary Regulations Estimated Timeline



## **Stakeholder Resources**

### **Stakeholder Resources**

- DWR Sustainable Groundwater Management (SGM) http://www.water.ca.gov/groundwater/sgm/index.cfm
- DWR Basin Boundary Regulation Website http://www.water.ca.gov/groundwater/sgm/basin\_boundaries.cfm
- Subscribe to DWR SGM Email List http://www.water.ca.gov/groundwater/sgm/subscribe.cfm
- DWR Region Office Contacts
   http://www.water.ca.gov/groundwater/gwinfo/contacts.cfm

Questions or Comments sgmps@water.ca.gov

## **Thank You**