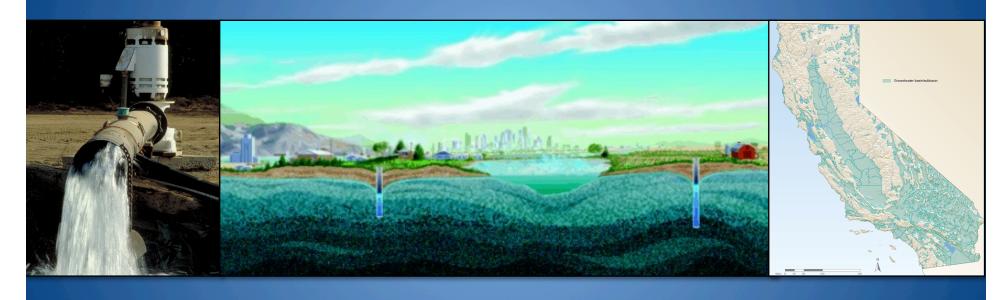
DWR's Sustainable Groundwater Management Implementation

Groundwater Sustainability Plan (GSP)
& Alternative (Alt) Emergency Regulations



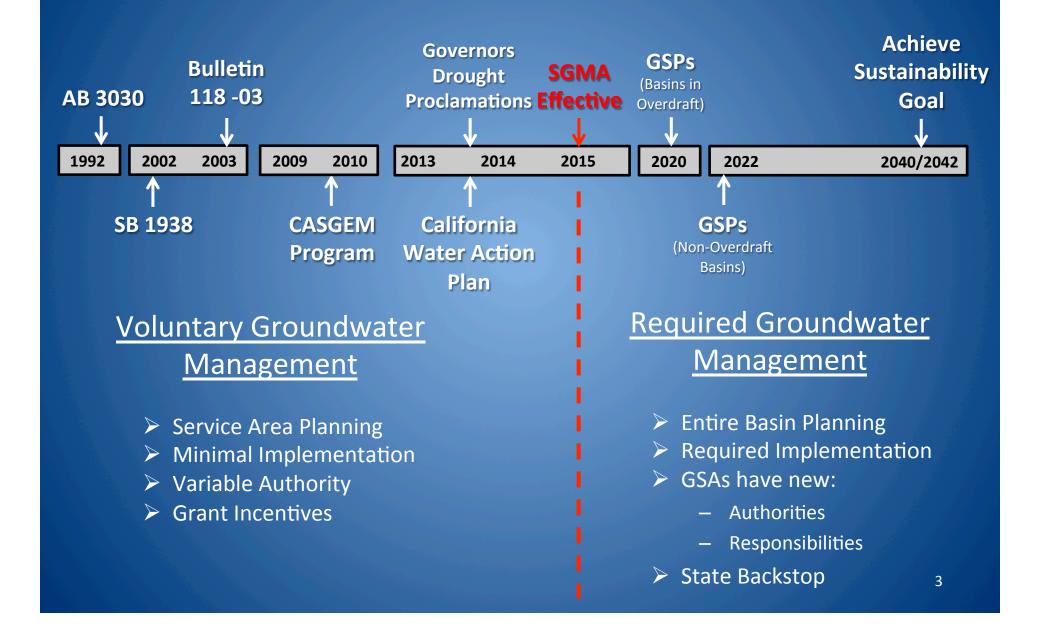


Local Government Commission Webinar November 17, 2015 Sacramento, CA

Presentation Overview

- SGMA Background GSP & Alternatives
- Summary of Informal GSP Outreach
- Overview of Land Use Components
- Overview of GSA Formation and Senate Bill 13 Changes
- Next Steps

California's Major Groundwater Milestones



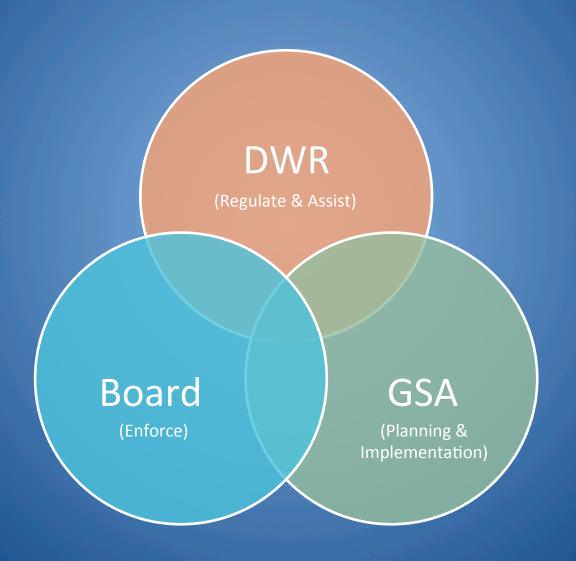




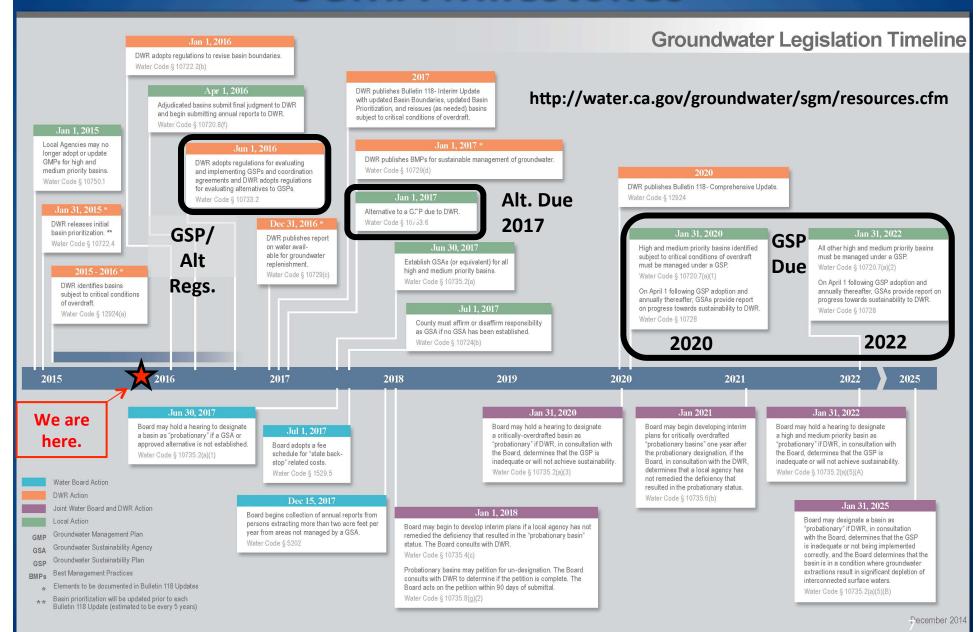
- > 515 Groundwater Basins (Applies)
- > 127 High and Medium Priority Basins (Required)
 - 96% of average annual GW supply
 - 88% of 2010 population overlying the GW basin area

	BASIN RANKING	BASIN COUNT	PERCENT OF TOTAL		
			GW USE	POPULATIO N	
	High	43	69%	47%	
	Medium	84	27%	41%	
	Low	27	3%	1%	
	Very Low	361	1%	11%	
1	Totals				

GSP/ALT Regulations



SGMA Milestones



SGMA GSP Requirements

- By June 1, 2016, DWR shall adopt regulations for:
 - Evaluating GSP
 - Implementation of GSP
 - Coordination agreements
- The regulations shall identify:
 - Required Plan Components (§ 10727.2)
 - Additional Plan Elements (§ 10727.4)
 - Coordination of Multiple GSPs in Basin (§ 10727.6)
 - Other information that will assist local agencies in developing and implementing GSPs and coordination agreements.
- The department may update the regulations, including to incorporate the best management practices (§ 10729)

GSP/ALT Regulations

Sustainable Groundwater Management

Required for All High and Medium Priority Basins (127)

GSP

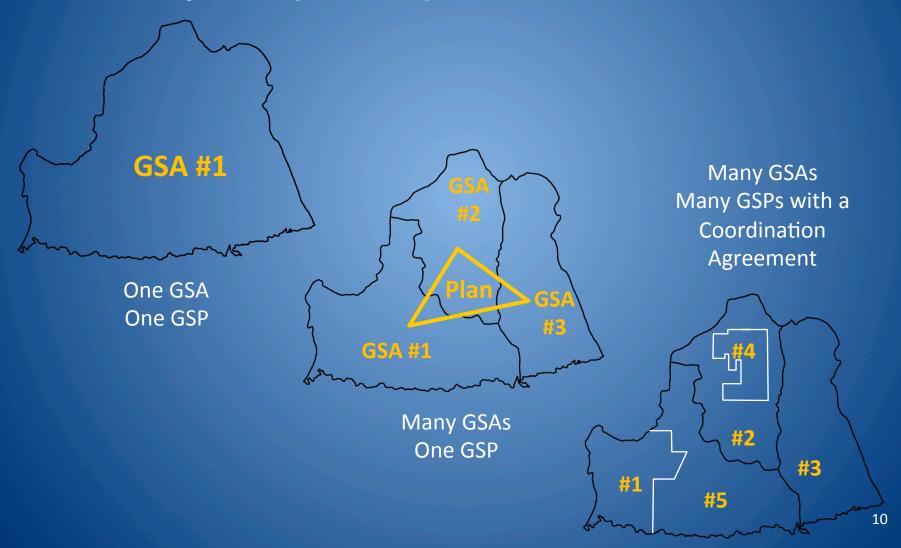
- Covers Entire Basin
- Multiple GSPs Require
 Coordination Agreement
- Submitted by GSA(s)
- Annual Reporting
- 5 Year Evaluation
- Submitted to DWR by
 - 1/31/2020 (Critical Overdrafted)
 - 1/31/2022 (all other High/ Medium Priority)

Alternative Plan

- Covers Entire Basin
- Submitted by Local Agency or GSA
- Eligibility:
 - 1. Existing GMP
 - 2. Adjudication
 - Basin Operated withinSustainable Yield for 10 years
- CASGEM Compliant
- Annual & 5 Year Reporting
- Submitted to DWR by 1/1/2017

Paths To Sustainability

Three Options (§ 10727)



Groundwater Sustainability

Sustainability Goal

Entire Basin

SUSTAINABLE GROUNDWATER **MANAGEMENT**

Entire Basin

Sustainable Yield

Entire Basin

Undesirable Results: Significant and Unreasonable...













Surface Water Reduction Depletion

of Storage

Degraded Quality

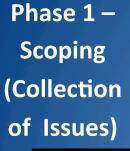
Seawater Land

Intrusion Subsidence GW Levels

Lowering

Groundwater Sustainability Plan (GSP) Emergency Regulations – Detailed Timeline Adopt Draft Draft Emergency Framework Scoping **Emergency** Regulations (Topic Based) Regulations Mar-15 Jul Apr May Jun Aug Sept Oct Nov Dec Jan Feb Mar Apr May Jun-16 2015 2016 **CWC CWC CWC** CWC **GSP Periodic CWC Updates** March April **Deadline Nov 19** Jan. or Feb. **GSP/ALT** Adopt Draft and Dec **GSP Draft Topics Discussions Final Final Summary** Regulations **GSP GSP** of Informal Regs Regs July 20, Aug 27, Sept 21 Outreach **GSP Mtgs/Webinars GSP Required Submit GSP Public Meeting Regs to OAL 30 Comment Period Input from SWRCB Input From Advisory Groups** 12

GSP Regulations – 10 Issue Topics



All 10 + Topics (May-Jun)

Phase 2 – Draft

Discussion

Papers and

Public

Informational Sessions

1st Batch (Jun-Jul)

2nd Batch (Jul-Aug)

3rd Batch (Aug-Sep)



http://www.water.ca.gov/groundwater/sgm/gsp.cfm ¹³

GSP Communication and Outreach

Advisory Group	GSP Topics	GSP Batch 1	GSP Batch 2	GSP Batch 3
1. Practitioners Advisory Panel	6/22/2015		7/24/2015	8/24/2015
2. ACWA (Statewide)	6/12/2015	7/16/2015	8/21/2015	9/23/2015
3. RCRC & CSAC	6/10/2015	7/16/2015	8/12/2015	9/30/2015
4. Ag Group	6/29/2015	7/31/2015	9/1/2015	9/28/2015
5. Non-Governmental Organizations (NGOs)	6/19/2015	7/13/2015	8/7/2015	10/3/2015
6. Tulare Lake Hydrologic Region	5/27/2015	7/6/2015	8/28/2015	9/22/2015
7. San Joaquin Tributaries Authority (Delta)	5/29/2015	7/17/2015	9/24/2015	
8. San Luis &Delta-Mendota Water Authority	5/29/2015	-	-	-
9. Central Coast Area	6/11/2015	7/15/2015	8/17/2015	9/29/2015
10. Northern California Water Association (NCWA)	6/19/2015	7/10/2015	8/17/2015	10/7/2015
11. Tribal Government	8/13/2015		10/5/2015	
Public Meetings / Webcasts	-	7/20/2015	8/27/2015	9/21/2015

Potential Regulation Components

Overview

Potential Regulation Content

Stakeholder Input

Governance & Coordination

"Who is managing & participating"

Governance

Coordination

Land Use

All Topics

- 6 Coordination Agreements
- 7 State Agency Coordination
- 8 Water Budgets and Coordination
- 3 Land Use & County Involvement

Basin Setting

"What are the current conditions"

Basin Conditions

2- Pre SGMA Conditions and Undesirable
Results

SGM Planning

"How will GW be managed & measured"

Sustainability Goal (Sustainable Yield, SGM)
Measurable Objectives & Undesirable Results
Monitoring Plan

- 1 Measurable Objectives
- 2- Pre SGMA Conditions and UR's
- 8 Water Budgets and Coordination
- 10 Adaptive Mgt. and Focus Areas
- 1 Measurable Objectives
- 2- Pre SGMA Conditions and UR's
- 9 Data Collection, Mgt., & Reporting

Evaluation

"Reporting, Evaluation, & Adaptive Management"

Implementation & Reporting

9 - Data Collection, Mgt., & Reporting

10 - Adaptive Mgt. and Focus Areas

Equivalent GSPs

Alternative GSPs & Fringe Areas

4 - Alternative GSP

5 - Boundaries, Overlapping & Unmanaged Areas

Land Use

Planning and Land Use

- Review and Consideration of GW Requirements (Govt. Code 65350.5)
 - Before adoption or amendment of a city's or county's general plan, the planning agency shall review and consider the GSP
- Consideration of All Beneficial Uses and Users of Groundwater (§10723.2)
 - GSAs shall consider the interests of all beneficial uses and users of groundwater including local land use planning agencies
- Required GSP Elements (§10727.2 (g))
 - GSP description of consideration of county and city general plans and how GSP may affect general plans

Stakeholder Comments

- GSPs should describe how land use & planning agencies were engaged by GSA
- Counties & Cities should be a signatory to the governance structure of a GSA
- GSAs should provide technical information in a format for ease of use in planning decisions and general plans
- GSAs should recommend protection of recharge areas to local land use and planning agencies
- GSP should consider the reliance on strategies and policies outside GSA boundaries

WHAT IS A GSA?

Water Code §10721

- "Groundwater sustainability agency" means one or more local agencies that implement the provisions of this part [Part 2.74].
- For purposes of imposing fees pursuant to Chapter 8
 (commencing with Section 10730) or taking action to
 enforce a groundwater sustainability plan,
 "groundwater sustainability agency" also means each
 local agency comprising the groundwater sustainability
 agency if the plan authorizes separate agency action.
- "Local agency" means a local public agency that has water supply, water management, or land use responsibilities within a groundwater basin.

WHO CAN BE A GSA?

Chapter 4 of SGMA, Water Code §10723 et seq.

- §10723(a): Except as provided in subdivision (c), any local agency or combination of local agencies overlying a groundwater basin may decide to become a GSA for that basin.
 - Local agencies must consider their service area boundaries when deciding to also become a GSA.
 - "Service Area" is not defined in SGMA.
- §10723(c) identifies 15 "exclusive" local agencies that can manage groundwater with their statutory boundaries.
 - These 15 agencies must still form a GSA.
 - Any of these 15 agencies can opt-out of this role.

WHO CAN BE A GSA?

Chapter 4 of SGMA, Water Code §10723 et seq.

- §10723.6(a): A combination of local agencies may form a GSA by using any of the following methods:
 - A joint powers agreement (JPA)
 - A memorandum of agreement or other legal agreement (i.e., a MOU)
- §10723.6(b): A water corporation regulated by the Public Utilities Commission or a mutual water company may participate in a GSA through a memorandum of agreement or other legal agreement.

SENATE BILL 13 CHANGES TO SGMA

As They Pertain to GSA Formation

SUMMARY OF SB 13 AMENDMENTS TO SGMA:

- Amended §10723(d): Removed the Notice of Intent to be a GSA.
- §10723.6(b) allows a mutual water company to be part of a GSA through a legal agreement.
- §10723.8(c) addresses GSA overlap.
- §10723.8(d) addresses service area boundaries.
- §10726.8(b) says a local agency cannot impose fees or regulatory requirements on entities outside the local agency's boundaries.
- Amended §10733.3: DWR now is required to post all "complete" notices within 15 days of receipt.
- SB 13 becomes law on January 1, 2016.

Next Steps Adopt **Draft Draft Emergency Framework Scoping Emergency** Regulations (Topic Based) Regulations Mar-15 Apr Jul Sept Oct Dec Feb Mar Apr May Jun-16 May Jun Aug Nov Jan 2015 2016 **CWC CWC CWC CWC GSP Periodic CWC Updates** March **April Deadline Nov 19** Jan. or Feb. **GSP/ALT Draft Adopt** and Dec **GSP Draft Topics Discussions Final Final Summary** Regulations **GSP GSP** of Informal Regs Regs July 20, Aug 27, Sept 21 Outreach **GSP Mtgs/Webinars GSP Required Submit GSP Public Meeting Regs to OAL 30 Comment Period Input from SWRCB Input From Advisory Groups** 21

Web Resources

- DWR Sustainable Groundwater Management (SGM)
 http://www.water.ca.gov/groundwater/sgm/index.cfm
- DWR GSP Emergency Regulation Website http://www.water.ca.gov/groundwater/sgm/gsp.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