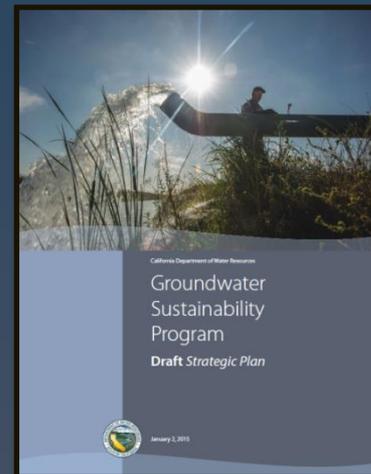
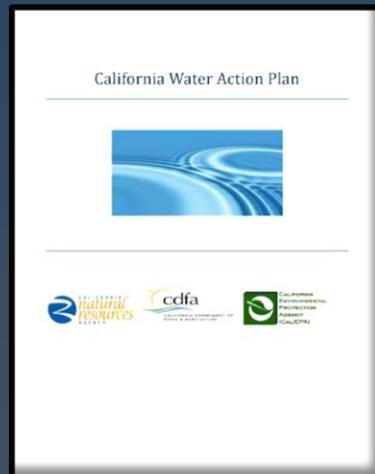




Agenda #4 – California’s Groundwater Future Directions

- Governor’s California Water Action Plan, (Jan., 2014)
- Sustainable Groundwater Management Act (Sept., 2014)
 - AB 1739: Dickinson
 - SB 1168: Pavley
 - SB 1319: Pavley
- DWR’s Sustainable Groundwater Management Program (Jan., 2015)





California Water Action Plan

A 5-Year Plan Towards Sustainable Water Management

Action 6: Expand water storage capacity and improve groundwater management





California's Sustainable Groundwater Management Act (SGMA)

"A central feature of these bills is the recognition that groundwater management in California is best accomplished locally."

Governor Jerry Brown





California's Groundwater Update 2013

Recommendations

Nexus with California Water Action Plan and SGMA

1. Promote public education about groundwater.
2. Improve collaboration, coordination, and alignment among agencies.
3. Develop a statewide groundwater management planning Web site to promote easy access to groundwater information.
4. Improve essential data to enable sustainable groundwater management by expanding and funding the CASGEM Program.
5. Improve understanding of California's high- and medium- priority groundwater basins by conducting groundwater basin assessments.
6. Develop a groundwater sustainability plan evaluation and implementation process.
7. Advance sustainable groundwater management within the framework of integrated water management.
8. Review and assist local agencies in developing improved analytical tools to assess conjunctive management and groundwater management strategies.
9. Increase local and regional groundwater recharge and storage.

SGMA Overview



Framework

- Applicability
- Definitions

Local's Role

- Establish GSAs
- Powers & Authorities
- Develop GSPs
- Deadlines

State's Role

- Basin Boundaries & Priorities
- Technical Assistance
- State Evaluation and Assessment
- State Intervention



SGMA Definitions

Water Code Section 10721

Sustainable Groundwater Management:

- *“The management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results.”*

Undesirable Results:

- *Conditions indicating significant and unreasonable...*



Lowering of
Groundwater
Levels

Reduction in
Groundwater
Storage

Seawater
Intrusion

Water Quality
Degradation

Land
Subsidence

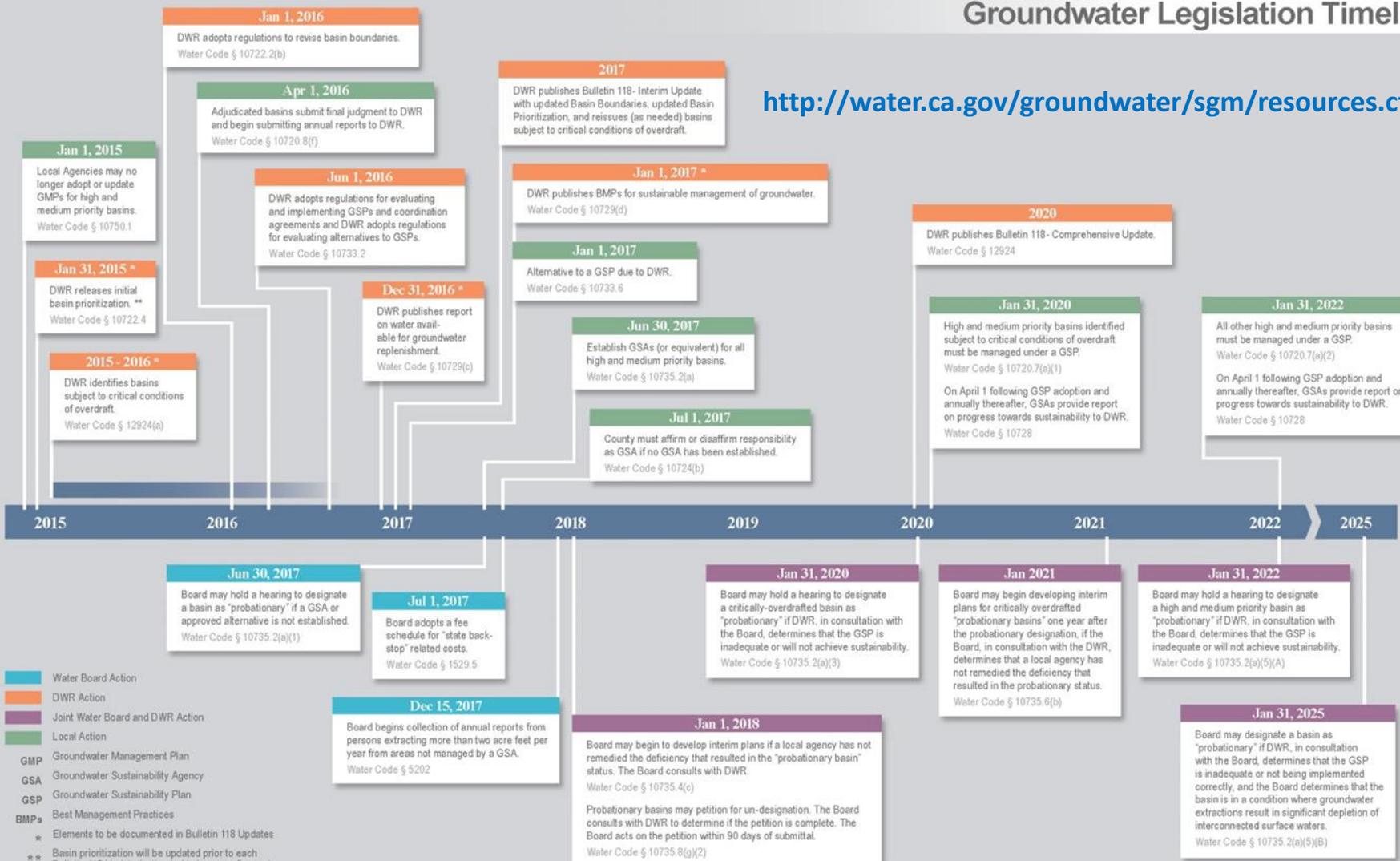
Depletions of
Surface Water

SGMA Timeline



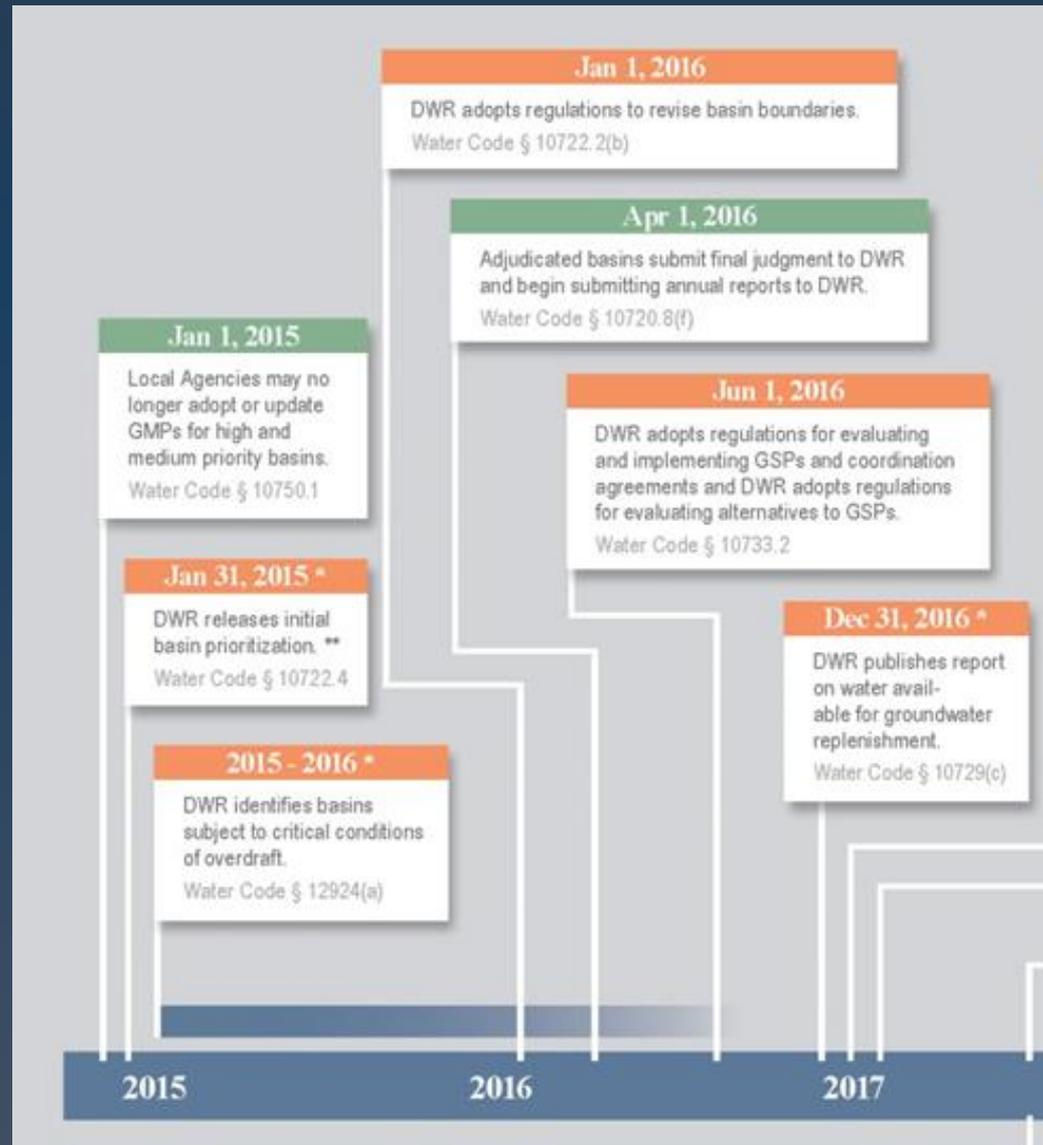
Groundwater Legislation Timeline

<http://water.ca.gov/groundwater/sgm/resources.cfm>

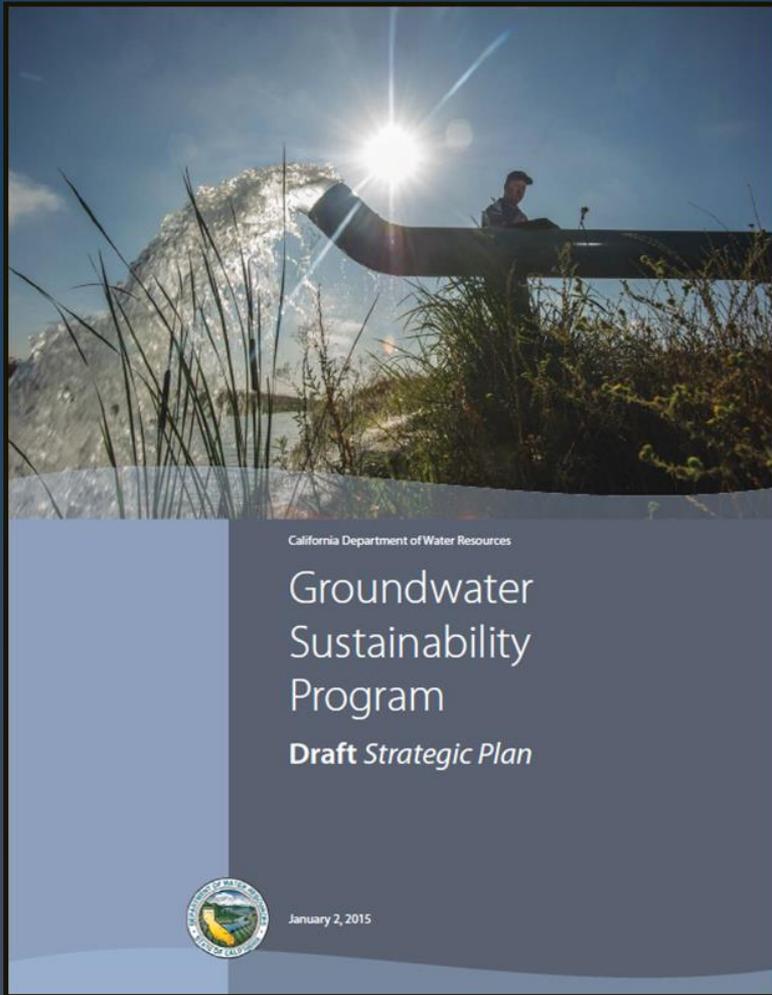


- Water Board Action
- DWR Action
- Joint Water Board and DWR Action
- Local Action
- GMP Groundwater Management Plan
- GSA Groundwater Sustainability Agency
- GSP Groundwater Sustainability Plan
- BMPs Best Management Practices
- * Elements to be documented in Bulletin 118 Updates
- ** Basin prioritization will be updated prior to each Bulletin 118 Update (estimated to be every 5 years)

SGMA Timeline



DWR's Implementation of SGMA



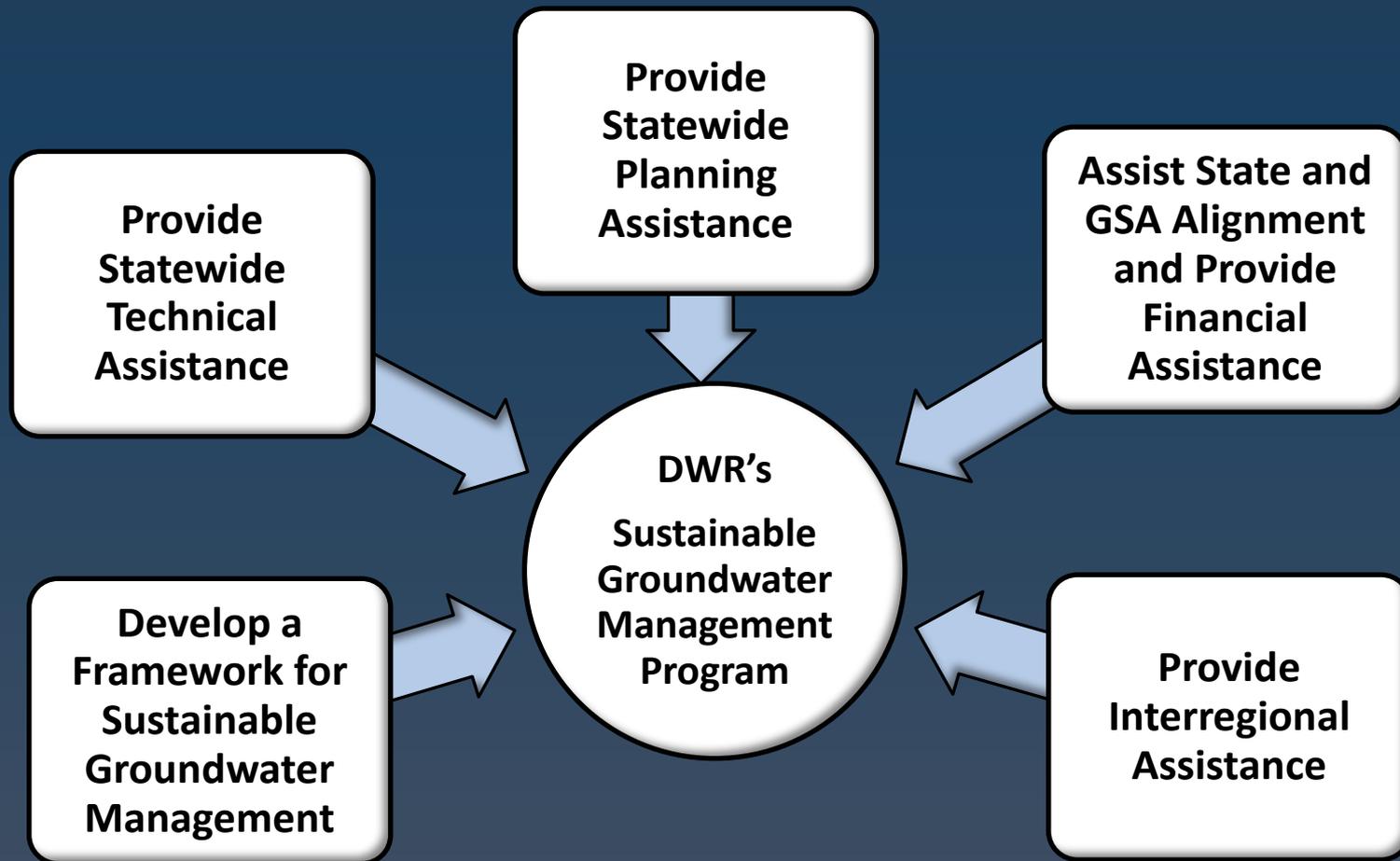
SUSTAINABLE GROUNDWATER MANAGEMENT PROGRAM

- Describes DWR's roles and responsibilities under the SGMA and outlines related actions from the California Water Action Plan

<http://water.ca.gov/groundwater/sgm/index.cfm>

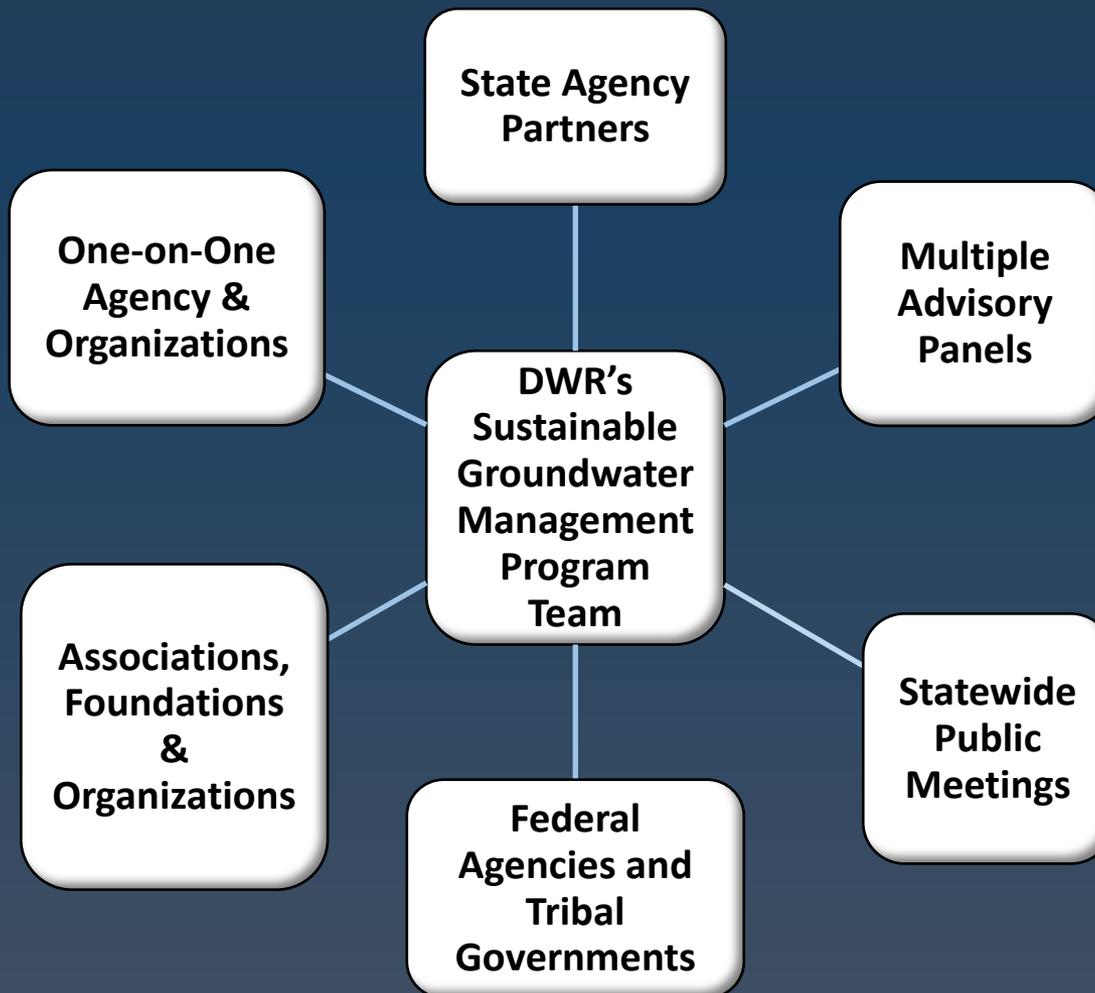


DWR's Sustainable Groundwater Management Program





SGMP Communication and Outreach



Basin Boundary Regulations Process



Jan-April

April-May

July-Sept

Oct-Nov

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

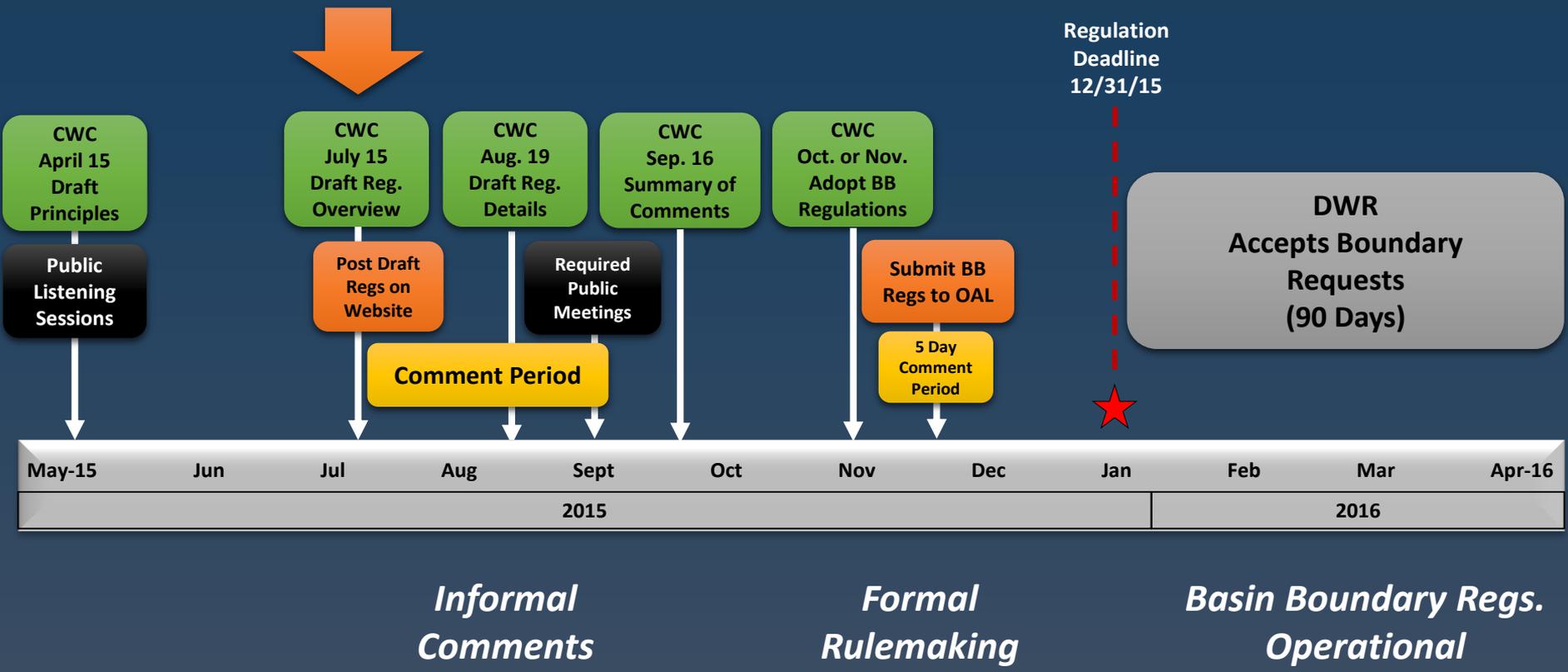
CWC – California Water Commission

SWRCB – State Water Resources Control Board

OAL – Office of Administrative Law



Basin Boundary Regulations Estimated Timeline





How to Provide Input

- **DWR Welcomes Feedback on Draft Regulations**

- Email & Written Comments
- CWC Meetings (Aug.-Oct.)

- **DWR will be Holding Three Public Meetings**

- Sacramento (8/31)
- Bakersfield (9/2)
- Orange County (9/3)

A screenshot of the California Department of Water Resources (DWR) website. The page is titled "Public Comments - Basin Boundary Regulations" and is part of the "SGM Sustainable Groundwater Management" section. The header includes the CA.GOV logo, navigation links (HOME, NEWSROOM & EVENTS, ISSUES, ABOUT US), and a search bar. The main content area features a "How to Provide Input" section with instructions on submitting comments via email or mail. Below this is a "Comments Received on Basin Boundary Emergency Regulations" section with a table showing one comment received. The table has columns for "Comment Received From", "Comment", and "Date". The comment received is from "Name" and was received on "Date". The page also includes a sidebar with a "GROUNDWATER HOME" section and a "SUSTAINABLE GROUNDWATER MANAGEMENT" section with various links.

http://www.water.ca.gov/groundwater/sgm/basin_boundaries.cfm



GSP Issue Topics for Regulation Development

Phase 1 –
Scoping
(Collection
of Issues)

All 10
Topics
(May-Jun)

Phase 2 –
Draft
Framework
(Present
and Receive
Input from
Advisory
Groups and
Public)

1st Batch
(Jun-Jul)

2nd Batch
(Jul-Aug)

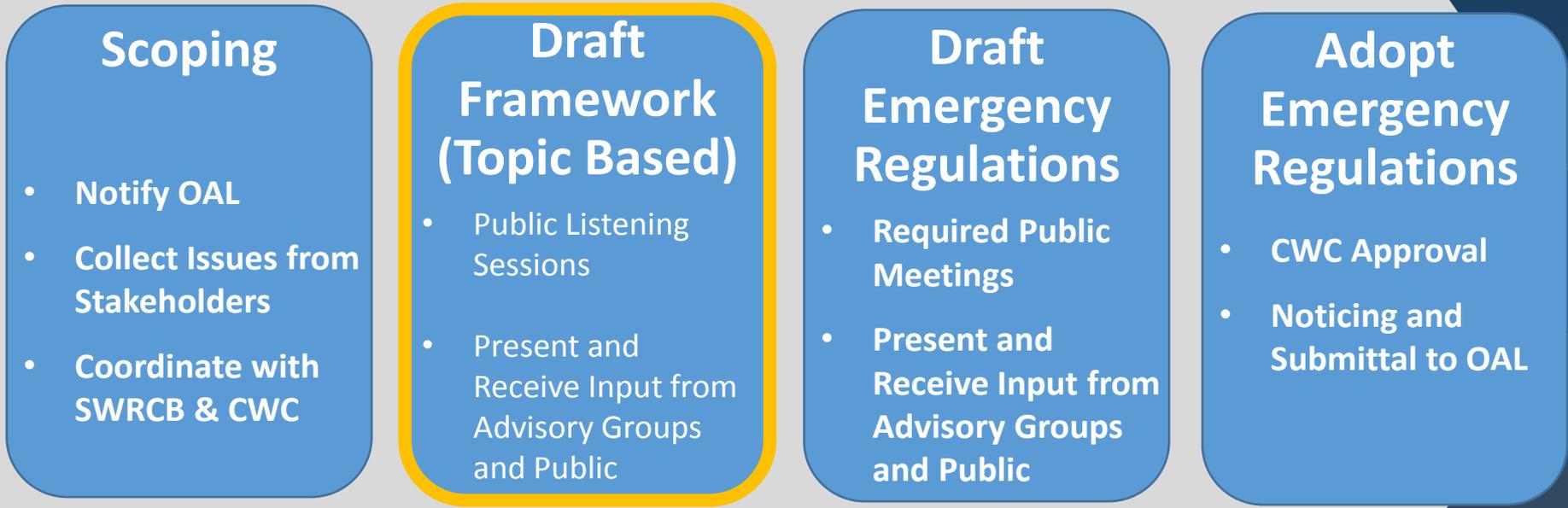
3rd Batch
(Aug-Sep)





GSP/ALT Regulations Process

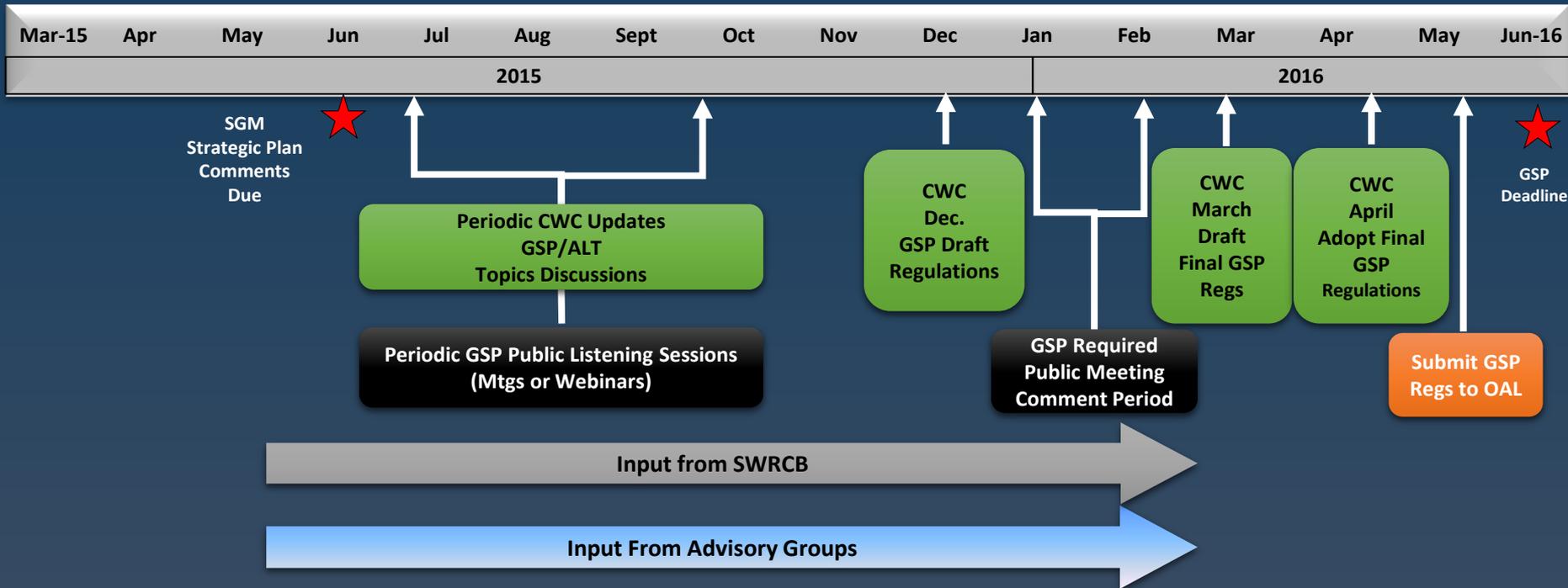
- **Phases of Implementation**



Input and Feedback from the CWC and SWRCB



GSP/ALT Regulations Estimated Project Timeline





Additional SGMP Information

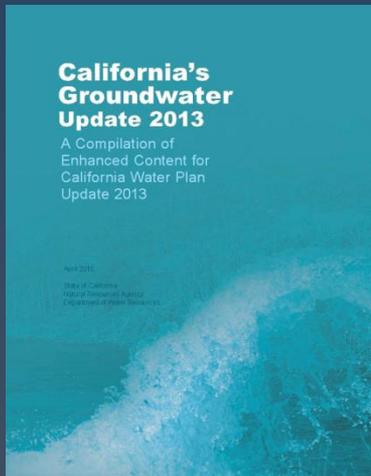
- **DWR Sustainable Groundwater Management (SGM)**
<http://www.water.ca.gov/groundwater/sgm/index.cfm>
- **Subscribe to DWR SGM Email List**
<http://www.water.ca.gov/groundwater/sgm/subscribe.cfm>
- **DWR Basin Boundary Regulation Website**
http://www.water.ca.gov/groundwater/sgm/basin_boundaries.cfm
- **DWR Water Management Planning Tool**
<https://gis.water.ca.gov/app/boundaries/>
- **Questions or Comments for DWR**
sgmps@water.ca.gov



Questions?

CALIFORNIA WATER PLAN

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- Abdul Khan: (916) 651-9660
 - abdul.khan@water.ca.gov
- Dan McManus: (530) 529-7373
 - dan.mcmanus@water.ca.gov



California's Groundwater Update 2013

SUSTAINABLE GROUNDWATER MANAGEMENT PROGRAM

- SGM Email Updates
 - <http://water.ca.gov/groundwater/sgm/subscribe.cfm>
 - sgmps@water.ca.gov

