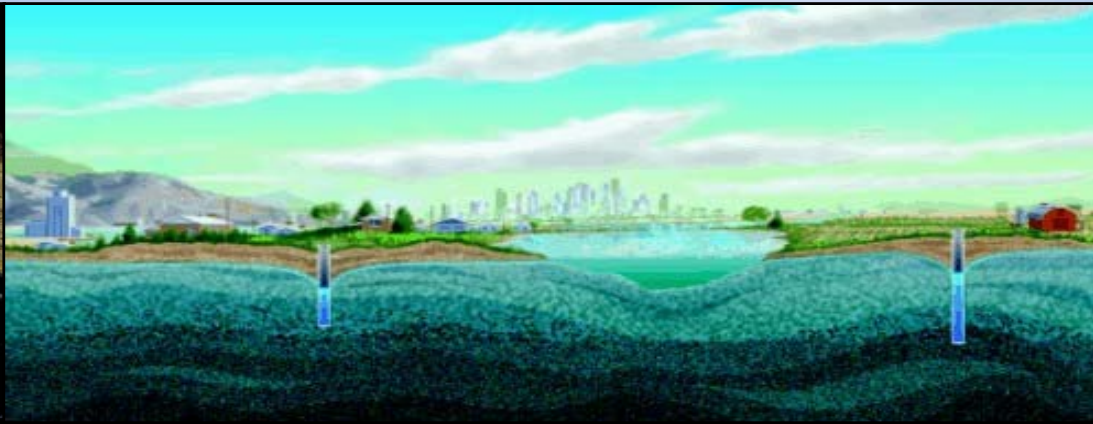


# Sustainable Groundwater Management Act



## Basin Boundary Modification

March 9, 2017



# Bulletin 118 California's Groundwater



Groundwater Basin: *"...an alluvial aquifer or a stacked series of aquifers with reasonably well-defined boundaries in a lateral direction and a definable bottom."*

- 515 Groundwater Basins and Subbasins identified statewide



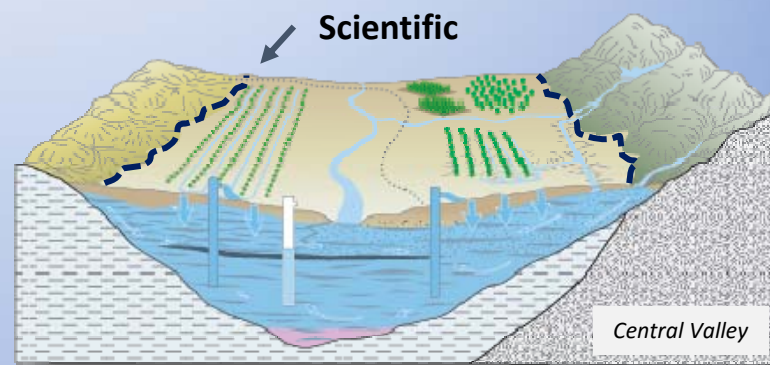
# Key Definitions

## ➤ SGMA Definitions

➤ **Groundwater Basin** – An alluvial aquifer or a stacked series of alluvial aquifers with reasonably well-defined boundaries in a lateral direction and having a definable bottom

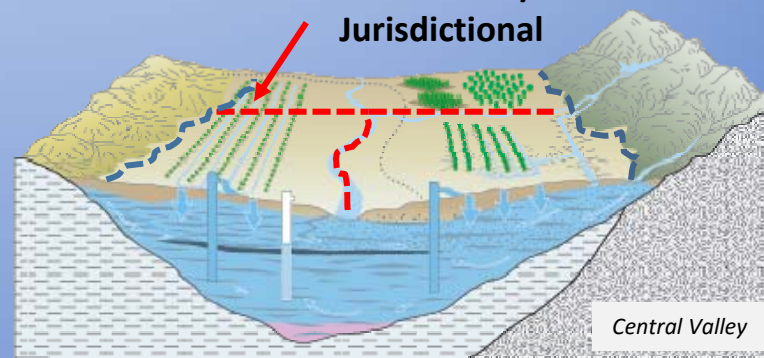
➤ **Groundwater Subbasin** – A subbasin is created by dividing a groundwater basin into smaller units using geologic and hydrologic barriers or institutional boundaries

## Basin



## Subbasin

Scientific and/or  
Jurisdictional



# Types of Modification

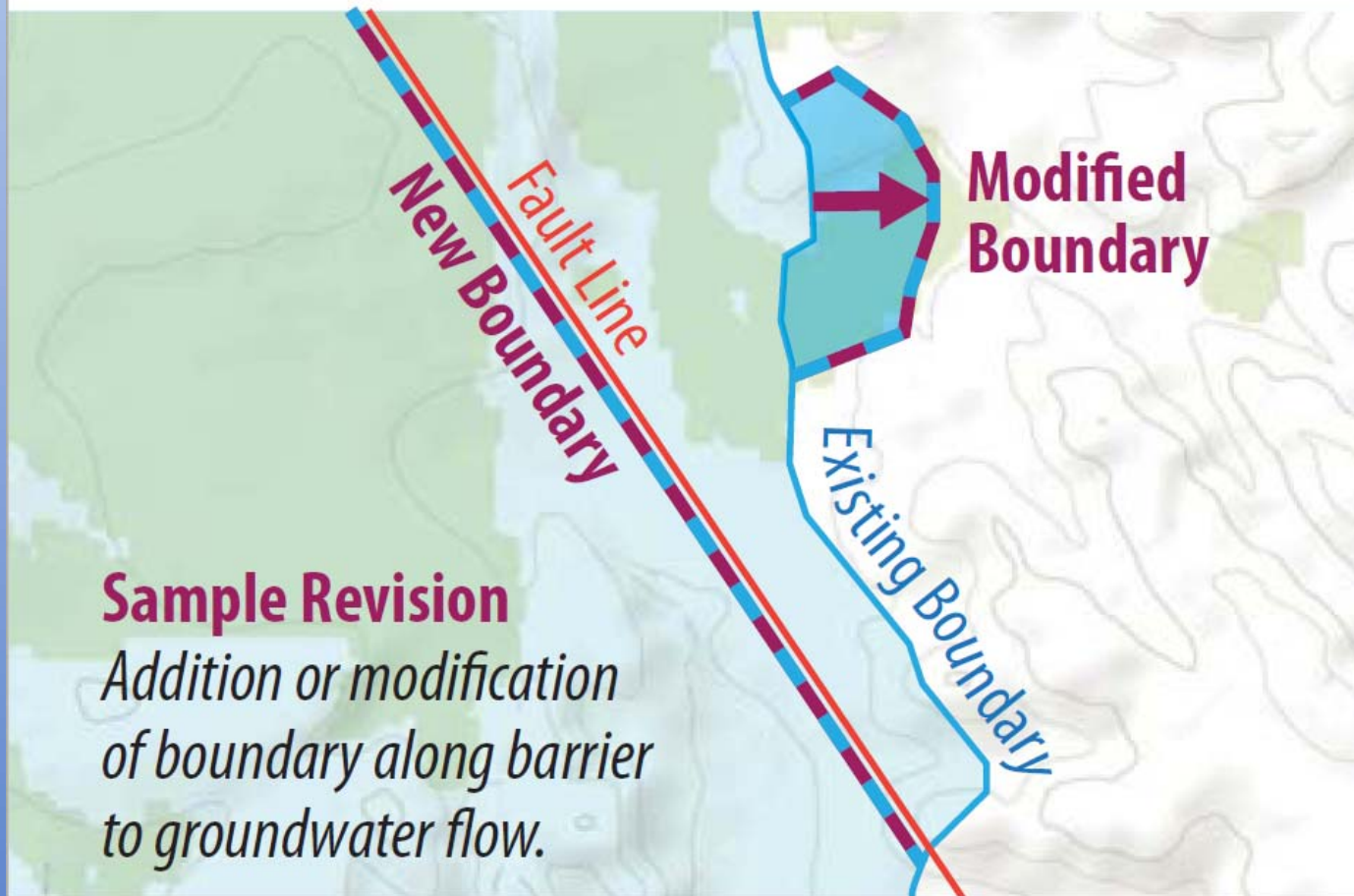
- **Scientific** - Based on Geologic or Hydrologic Conditions that Define the Basin
- **Jurisdictional** - Promote the Adoption and Implementation of Effective Sustainable Management Plans and Enhance Local Management of Groundwater.



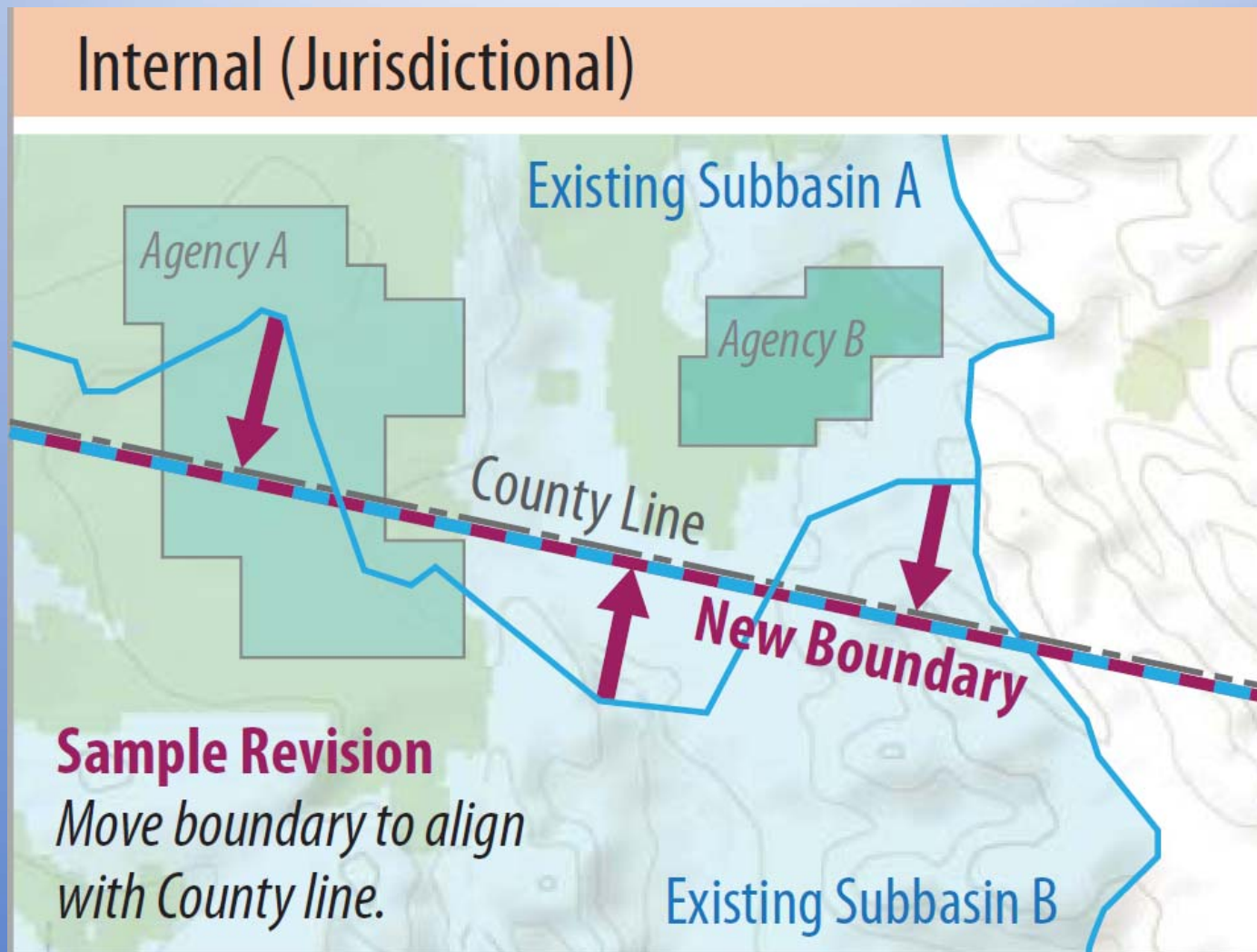


# Types of Modification

Scientific

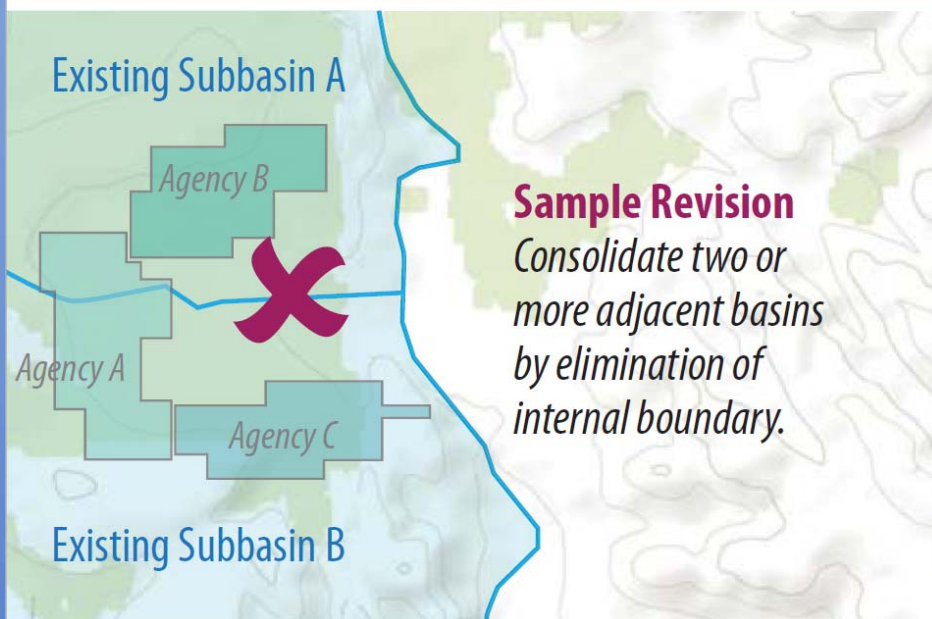


# Types of Modification



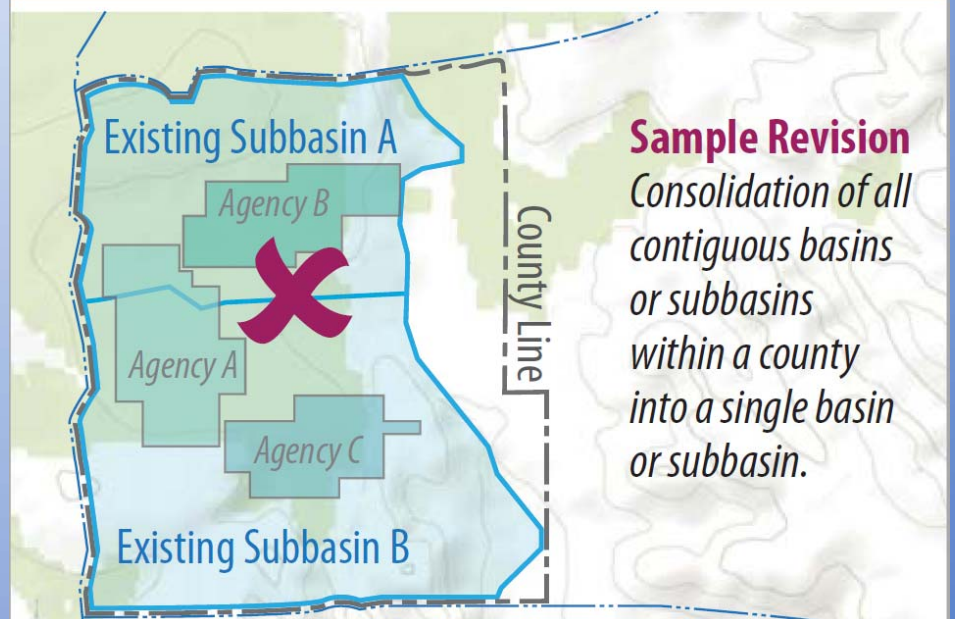
# Types of Modification

## Consolidation (Jurisdictional)



**Sample Revision**  
*Consolidate two or more adjacent basins by elimination of internal boundary.*

## County Consolidation (Jurisdictional)

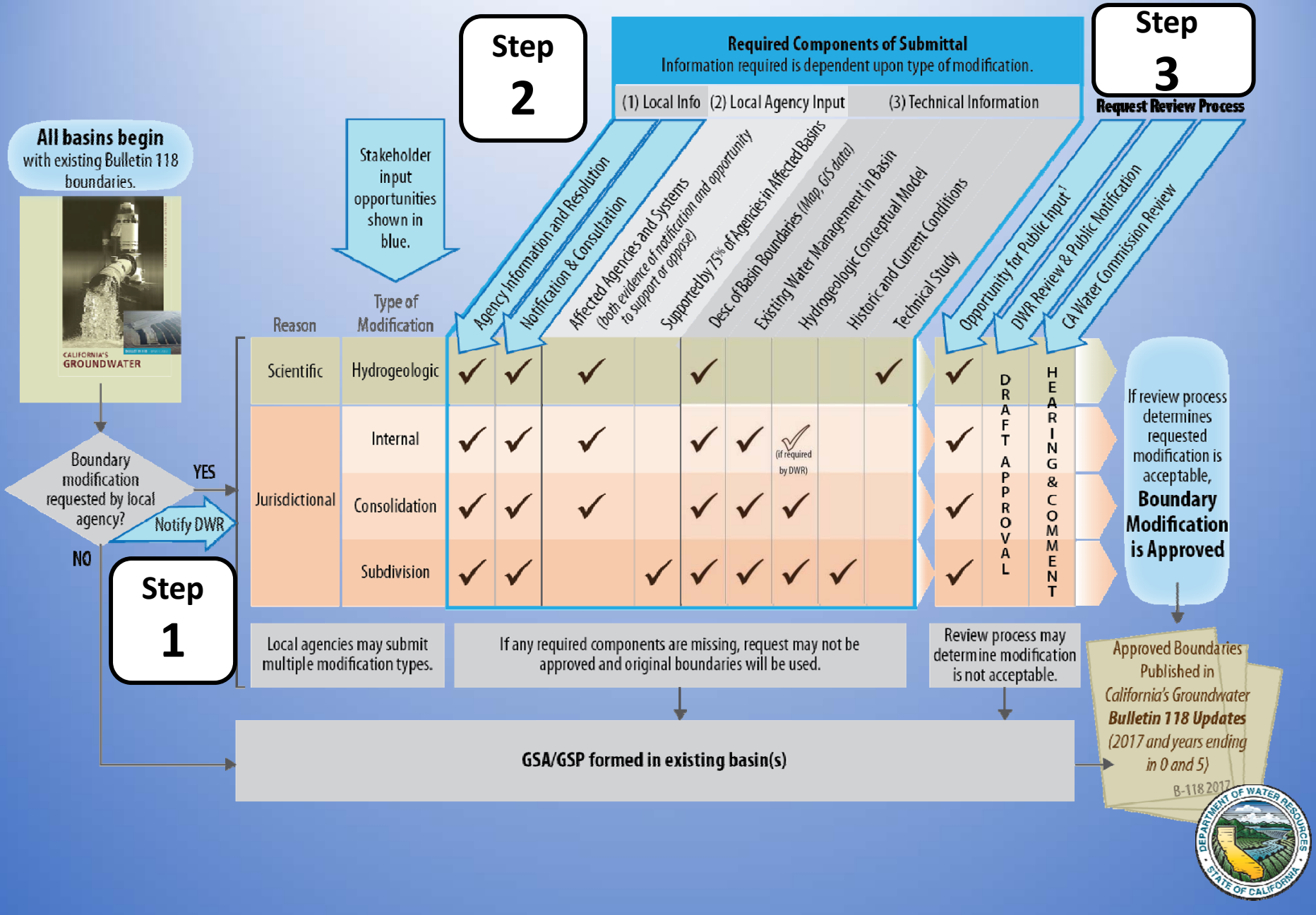


**Sample Revision**  
*Consolidation of all contiguous basins or subbasins within a county into a single basin or subbasin.*



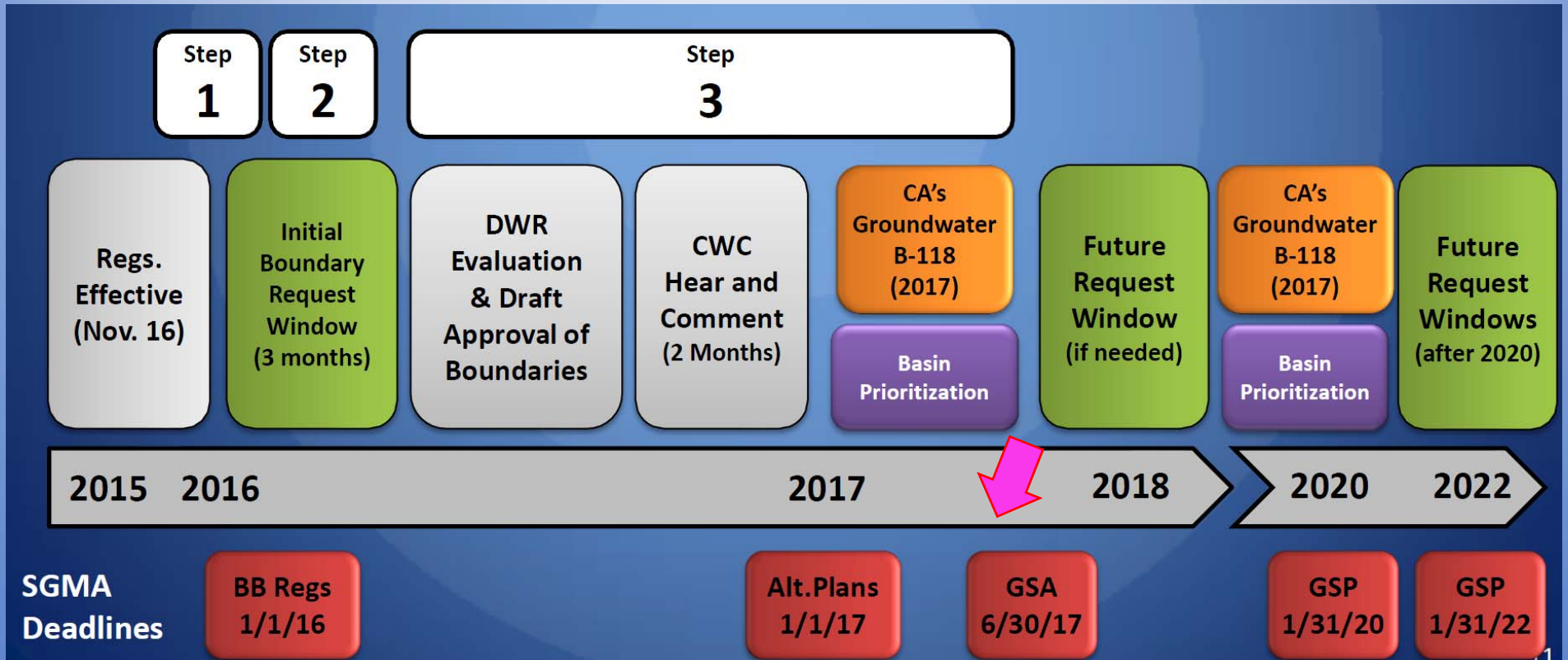


# Basin Boundary Modification Process





# Basin Boundary Modification Process



# Basin Boundary Modification Process

## **\*\*Tentative Schedule\*\***

July to December (2017 ) – Initial Notification – a period for local agencies to signal that they are planning to modify the basin and coordinate with other agencies and public.

January to March (2018 ) – Submission period – this 3 month window is the period for local agencies to physically submit the required documentation to support their specific boundary modification.

October (2018) – DWR to review and post final decisions. Reprioritization will need to occur after this and all final results will be included in the Bulletin 118 (2020 update).



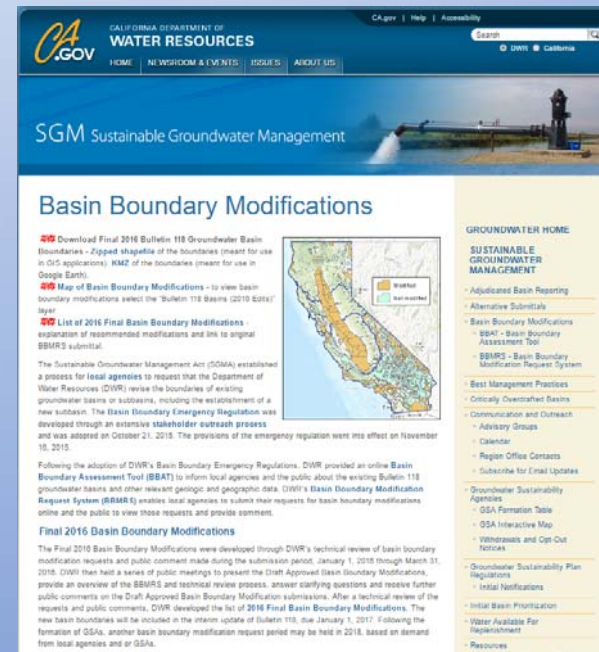
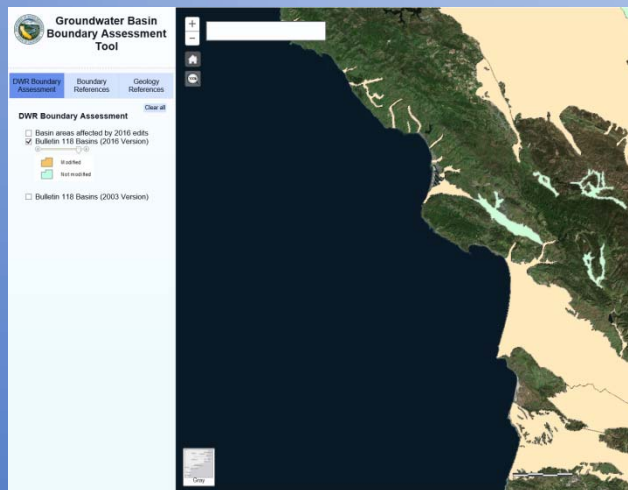
# For more Info

Basin Boundaries -

[http://www.water.ca.gov/groundwater/sgm/basin\\_boundaries.cfm](http://www.water.ca.gov/groundwater/sgm/basin_boundaries.cfm)

Basin Boundary Assessment Tool –

<https://gis.water.ca.gov/app/bbat/>



# For more Info

CA.gov | Help | Accessibility

CALIFORNIA DEPARTMENT OF WATER RESOURCES

HOME NEWSROOM & EVENTS ISSUES ABOUT US

SGM Sustainable Groundwater Management

## Introduction

The Department of Water Resources (DWR) has developed a Strategic Plan for its Sustainable Groundwater Management (SGM) Program. DWR's SGM Program will implement the new and expanded responsibilities identified in the 2014 Sustainable Groundwater Management Act (SGMA). Some of these expanded responsibilities include: (1) developing regulations to revise groundwater basin boundaries; (2) adopting regulations for evaluating and implementing Groundwater Sustainability Plans (GSPs) and coordination agreements; (3) identifying basins subject to critical conditions of overdraft; (4) identifying water available for groundwater replenishment; and (5) publishing best management practices for the sustainable management of groundwater.

### Announcements

**SGMA Portal-GSA Formation Notification System**  
Local agencies are required to submit GSA formation notifications to DWR using the SGMA Portal-GSA Formation Notification System. The SGMA Portal can be accessed [here](#).

**Comment Period for Alternative Submittals Extended**  
DWR has extended the public comment period on Alternative Submittals until April 1, 2017. Public comments can be submitted through the Alternative Reporting System available [here](#).

**Draft Water Available for Replenishment Report Published**  
SGMA directs DWR to prepare a report that presents the Department's best estimate, based on available information, of water available for replenishment of groundwater in California. The report is available for review on the WAFR webpage [here](#).

**GSA Formation Notification Tool Webinar**  
Information about the GSA SGMA Portal webinar is available [here](#).

**Bulletin 118 Interim Update 2016 Published**  
DWR has published an interim update to its Bulletin 118 series, California's Groundwater, with key information to help local agencies meet Sustainable Groundwater Management Act Requirements. View Bulletin 118 Update 2016 [here](#).

### Sustainable Groundwater Management Program Draft Strategic Plan

DWR has developed a *Draft Strategic Plan* for its Sustainable Groundwater Management Program. The draft plan describes DWR's responsibilities and vision for carrying out the Sustainable Groundwater Management Act, a package of laws that aim to protect the groundwater basins that provide more than half of the water Californians

#### GROUNDWATER HOME

#### SUSTAINABLE GROUNDWATER MANAGEMENT

- Adjudicated Basin Reporting
- Alternative Submittals
- Basin Boundary Modifications
  - BBAT - Basin Boundary Assessment Tool
  - BBMRS - Basin Boundary Modification Request System
- Best Management Practices
- Critically Overdrafted Basins
- Communication and Outreach
  - Advisory Groups
  - Calendar
- Region Office Contacts
- Subscribe for Email Updates
- Groundwater Sustainability Agencies
  - GSA Formation Table
  - GSA Interactive Map
- Withdrawals and Opt-Out Notices
- Groundwater Sustainability Plan Regulations
  - Initial Notifications
- Initial Basin Prioritization
- Water Available For

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

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