2016 Draft Approved Basin Boundary Modifications

Public Meeting

July 2016

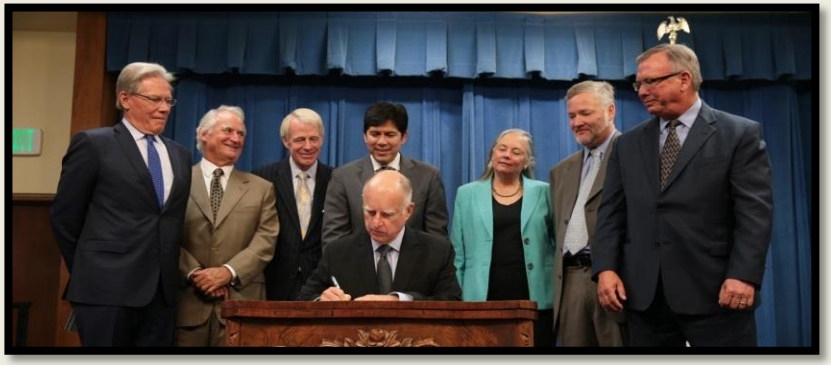
Presentation Overview

- Introductions and SGMA Context
- DWR Role and Authority
- Brief Summary of 2016 Basin Modification Submission Period
- Overview of Statewide Requests and Results
- Approved Regional Boundary Modifications
- Clarifying Questions Period
- Official Comment Period

Overall Regulatory Approach

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

Governor Jerry Brown, September 2014



Public
Engagement

Local Agencies
Plan Development
Plan Implementation

Department of Water Resources
Plan Evaluation
Statewide Minimum Standards
Technical & Financial Assistance

Sustainable Groundwater Management

DWR's SGMA Responsibilities and Due Dates

- ✓ **Initial Basin Prioritization:** §10723.4
  - Completed by January 31, 2015
- ✓ **Regulations for Modifying Groundwater Basin Boundaries:** §10722.2
  - Completed by January 1, 2016
- ✓ **Identification of Critically Overdrafted Basins:** §12924
  - Completed January 2016
- ✓ **Groundwater Sustainability Plan and Alternatives Regulations**: §10733.2
  - Due June 1, 2016
- **Water Available for Replenishment:** §10729(c)
  - Due January 1, 2017
- **Best Management Practices:** §10729(d)
  - Due January 1, 2017
- **Bulletin 118**: §12924
  - Interim Update due January 2017; Comprehensive Update due 2020
- **Groundwater Sustainability Agency Formation:** §10723
  - Due by June 30, 2017

Subject to Revision

DWR Role and Authority

- Existing Authority to define groundwater basins in the state (§12924)
  - Established Bulletin 118 documenting groundwater basins and resources of the state
  - Last Update Bulletin 118, 2003
  - Previous Releases – 1975, 1980
  - Numerous Region Specific Bulletin-118 Reports
- Administrative Edits - Focused on line work clean up
  - DWR directed modifications
- Review Local Agency Basin Boundary Modification Request
  - Local Agency Modification Requests
  - Basin Boundary Regulations - Affective November 2015

2016 Basin Boundary Modification Request Submission Period

- **Administrative Edits -**Focused on line work clean up and gross geologic errors
  - National Hydrologic Dataset for water ways
  - Existing County jurisdictions
  - California Geological Survey 1:250K Statewide maps (BBAT)
- **Basin Boundary Modification Requests**
  - Performed under the New Basin Boundary Regulations
  - Basin Boundary Modification Request System (BBMRS) contains all technical information and review comments

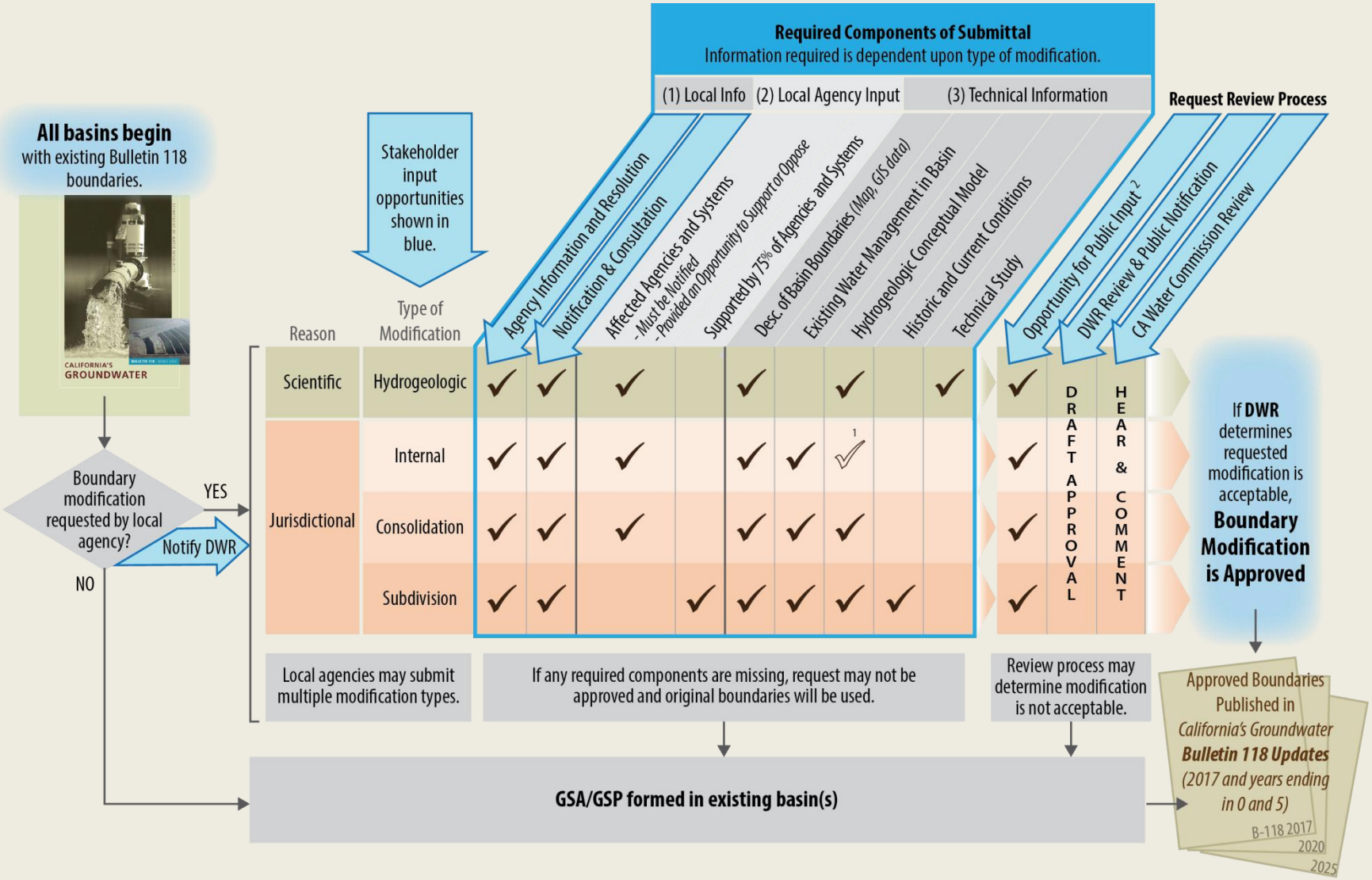
SGMA General Criteria

1. …likelihood that the **proposed basin can be sustainably managed**,

2. …whether the proposed basin **would limit the sustainable management of adjacent basins**, and

3. …whether there is a **history of sustainable management of groundwater levels** in the proposed basin.

Regulation Framework



DWR Tools for Basin Boundary Modification

1. DWR Basin Boundary Modification Website (Informational)

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

SGM Sustainable Groundwater Management

Basin Boundary Modifications

The Sustainable Groundwater Management Act (SGMA) established a process for **local agencies** to request that the Department of Water Resources (DWR) revise the boundaries of existing groundwater basins or subbasins, including the establishment of a new subbasin. The **Basin Boundary Emergency Regulation** was developed through an extensive **stakeholder outreach process** and was adopted on October 21, 2015. The provisions of the emergency regulation go into effect on November 16, 2015.

Planning to request a modification to basin boundaries?

If you are an eligible local agency and are thinking of requesting modification to the boundaries of your basin, follow these steps:

1. **Review** the Basin Boundary Modification **Regulations**.
2. **Submit Initial Notification** within 15 days of exploring a modification – notification is preliminary and is intended to signal that a modification request *may* occur. It serves to notify other local agencies, public, and the department. Use **Basin Boundary Assessment Tool** to explore geology and other boundaries.
3. **Determine** appropriate required documents and actions to comply with regulations for modification request submission. See the **Basin Boundary Modification Resources** for examples and supporting information.
4. **Submit Basin Boundary Modification Request** – Submission period is open from January 1, 2016 through March 31, 2016.

How to Submit Basin Boundary Modification Requests

DWR has developed a **Basin Boundary Modification Request System** for use by local agencies to submit initial notification and basin boundary modification requests. The system also provides public access to view basin boundary modification information.

Important Note - One of the first steps in the basin boundary modification process is initial notification of a potential basin boundary modification. This process is described in Section 343.9 of the regulation and on the **Basin Boundary Modification Request System**.

When to Submit Basin Boundary Modification Requests

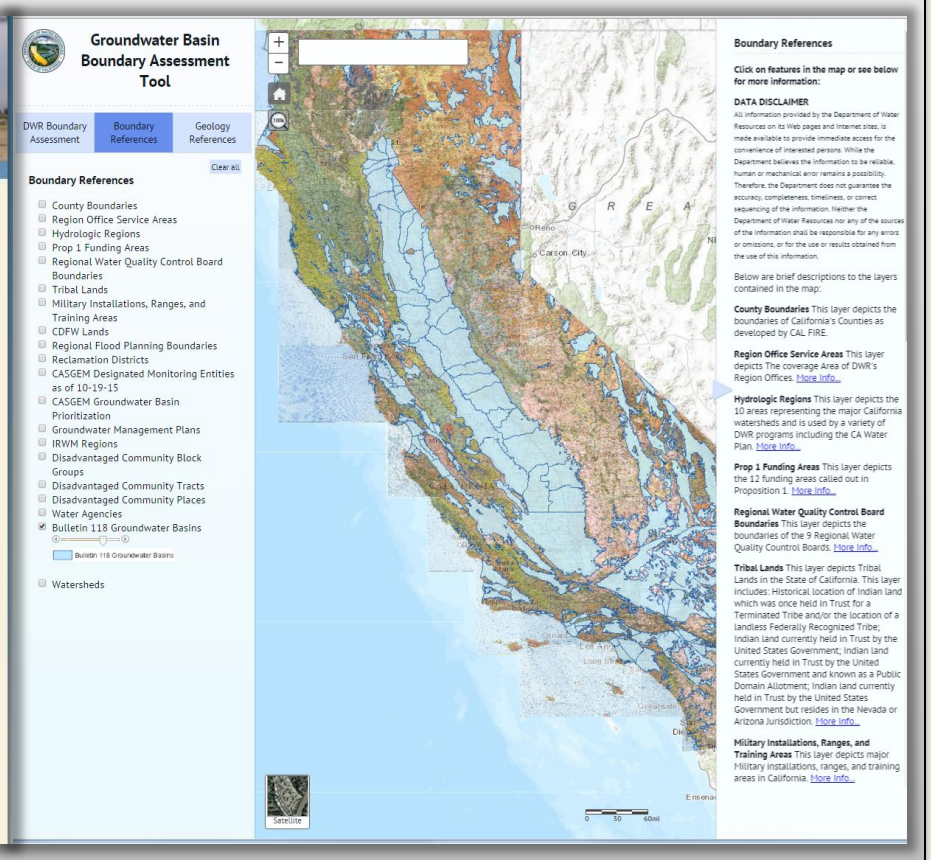
GROUNDWATER HOME

SUSTAINABLE GROUNDWATER MANAGEMENT

- Adjudicated Basin Reporting
- Basin Boundary Modifications
  - BBAT - Basin Boundary Assessment Tool
  - BBMRS - Basin Boundary Modification Request System
- Critically Overdrafted Basins
- Communication and Outreach
  - Advisory Groups
  - Statewide SGMA Calendar
  - Region Office Contacts
  - Subscribe for Email Updates
- Groundwater Sustainability Agencies
  - GSA Formation Table
  - GSA Interactive Map
  - GSA Notice Revisions
- Groundwater Sustainability Plan Regulations
  - GSP Public Comments
  - Best Management Practices

2. DWR Basin Boundary Assessment Tool (Technical)

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



Groundwater Basin Boundary Assessment Tool

DWR Boundary Assessment | Boundary References | Geology References

Clear all

Boundary References

- County Boundaries
- Region Office Service Areas
- Hydrologic Regions
- Prop 1 Funding Areas
- Regional Water Quality Control Board Boundaries
- Tribal Lands
- Military Installations, Ranges, and Training Areas
- CDFW Lands
- Regional Flood Planning Boundaries
- Reclamation Districts
- CASGEM Designated Monitoring Entities as of 10-19-15
- CASGEM Groundwater Basin Prioritization
- Groundwater Management Plans
- IRWM Regions
- Disadvantaged Community Block Groups
- Disadvantaged Community Tracts
- Disadvantaged Community Places
- Water Agencies
- Bulletin 118 Groundwater Basins
  - Bulletin 118 Groundwater Basins
- Watersheds

Satellite

Boundary References

Click on features in the map or see below for more information:

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All information provided by the Department of Water Resources on its Web pages and Internet sites, is made available to provide immediate access for the convenience of interested persons. While the Department believes the information to be reliable, human or mechanical error remains a possibility. Therefore, the Department does not guarantee the accuracy, completeness, timeliness, or correct sequencing of the information. Neither the Department of Water Resources nor any of the sources of the information shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information.

Below are brief descriptions to the layers contained in the map:

County Boundaries This layer depicts the boundaries of California's Counties as developed by CAL FIRE.

Region Office Service Areas This layer depicts The coverage Area of DWR's Region Offices. More Info...

Hydrologic Regions This layer depicts the 10 areas representing the major California watersheds and is used by a variety of DWR programs including the CA Water Plan. More Info...

Prop 1 Funding Areas This layer depicts the 12 funding areas called out in Proposition 1. More Info...

Regional Water Quality Control Board Boundaries This layer depicts the boundaries of the 9 Regional Water Quality Countrol Boards. More Info...

Tribal Lands This layer depicts Tribal Lands in the State of California. This layer includes: Historical location of Indian land which was once held in Trust for a Terminated Tribe and/or the location of a landless Federally Recognized Tribe; Indian land currently held in Trust by the United States Government; Indian land currently held in Trust by the United States Government and known as a Public Domain Allotment; Indian land currently held in Trust by the United States Government but resides in the Nevada or Arizona Jurisdiction. More Info...

Military Installations, Ranges, and Training Areas This layer depicts major Military installations, ranges, and training areas in California. More Info...

BBMRS

- Initial Notification
  - Inform Local Agencies, Public and DWR
  - Opened in November 2015
- Request Submission Period
  - Jan 1 through March 31
  - Submit required information to support request
  - Allowed for local agency and public input
  - Specific 30-day public Input period following Completeness Review

Request Review

- Submission Period
  - January 1 through March 31, 2016
- DWR – Local Agency interaction to align request to meet objectives and comply with the regulation
- DWR conducts 'Completeness' review
  - Evaluates modification type, presented GIS modifications, and general content of supporting information
- 30-day Public Input Period
- DWR Technical Review of supporting information, public input, and responses
- Recommendation Reviews
  - Region-wide
  - State-wide
  - Executive

Summary of Requests and Results

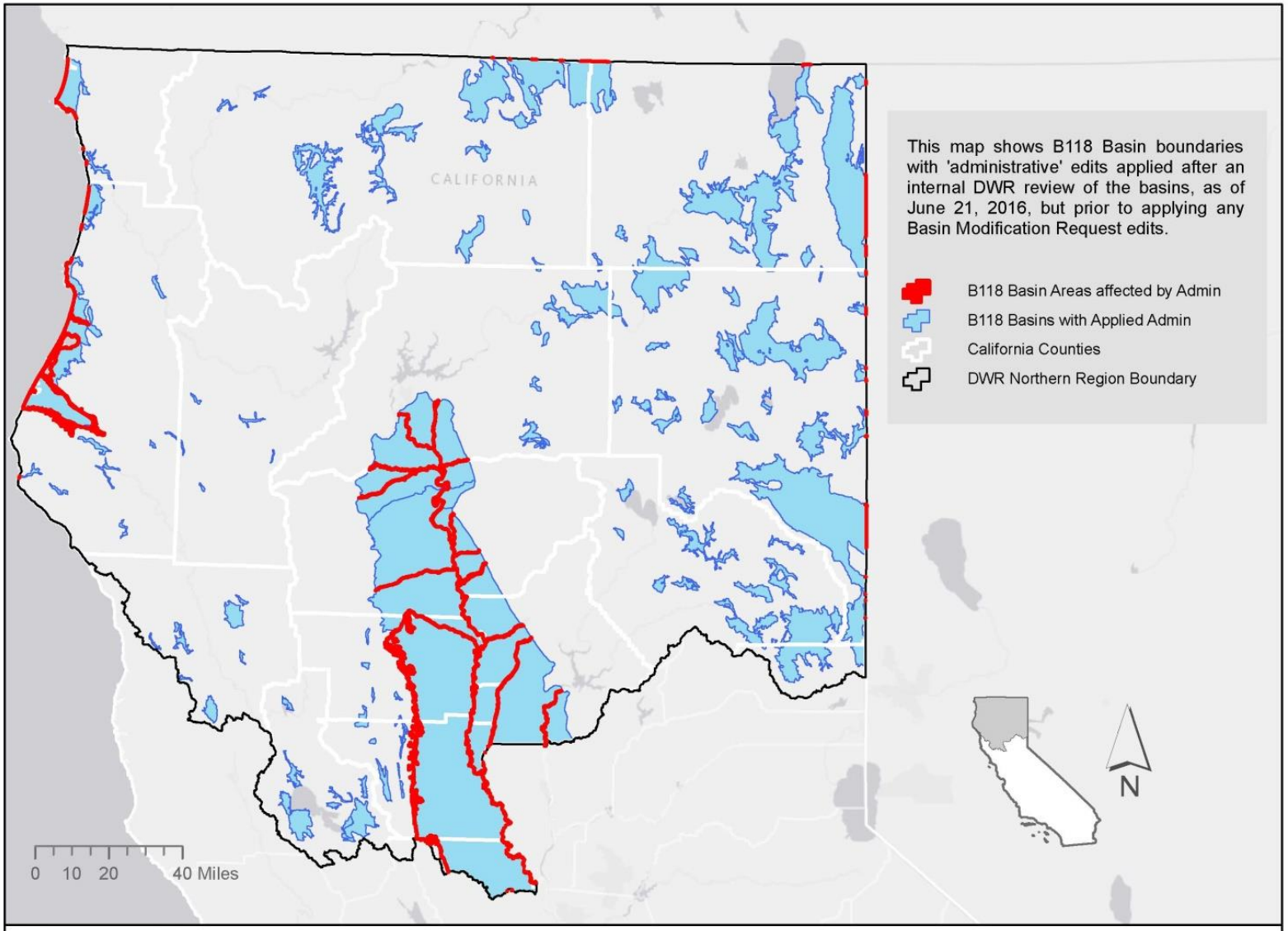
Region	Number of Requests	Approved	Approved, as modified	Rejected	Incomplete
NRO	3	2	0	1	0
NCRO	8	4	1	3	0
SCRO	22	8	9	5	0
SRO	21	6	8	4	3
Statewide	54	20	18	13	3
		37%	33%	24%	6%

Modification Type	Number of Requests Received and (Accepted)				
	Statewide	NRO	NCRO	SCRO	SRO
Scientific - Internal	7(3)	--	--	3(1)	4(2)
Scientific External	14(10)	2(1)	1(1)	3(1)	8(7)
Jurisdictional - Internal	19(16)	--	4(3)	12(12)	3(1)
Jurisdictional - Consolidation	1(1)	1(1)	--	--	--
Jurisdictional - Subdivision	5(1)	--	2(0)*	2(1)	1(0)
Combination	8(7)	--	1(1)	2(2)	5(4)
Other					

Modification Type	Total	Accepted	Rejected
Scientific	39%	62%	38%
Jurisdictional	46%	72%	28%
Combination	15%	88%	13%

Administrative Edits

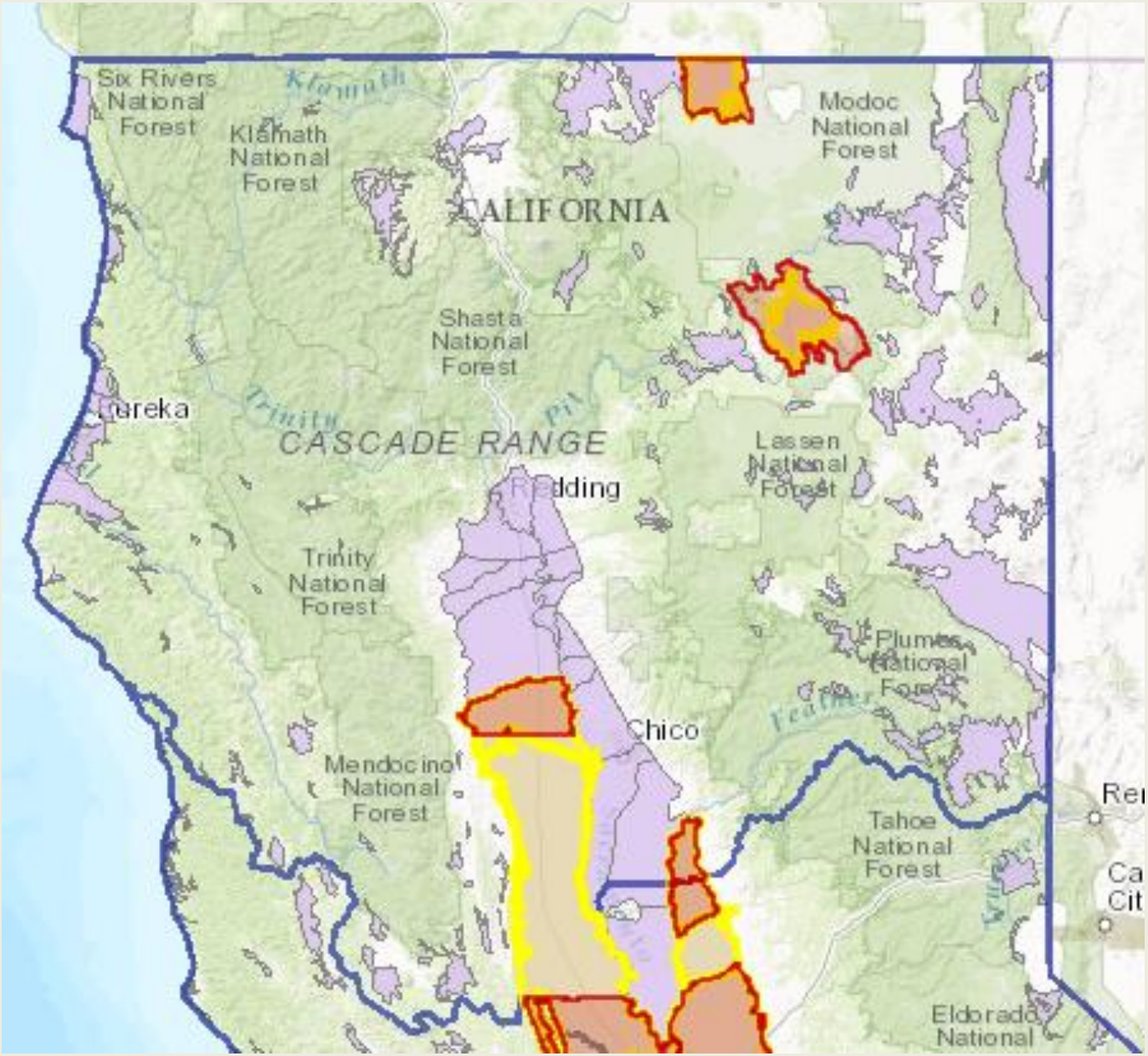
- **Administrative Edits**
  - Existing Authority (§12924)
  - Focused on line work clean up and gross geologic errors
    - National Hydrologic Dataset for water ways
    - Existing County jurisdictions
    - Geology updated based upon the California Geological Survey 1:250K Statewide maps



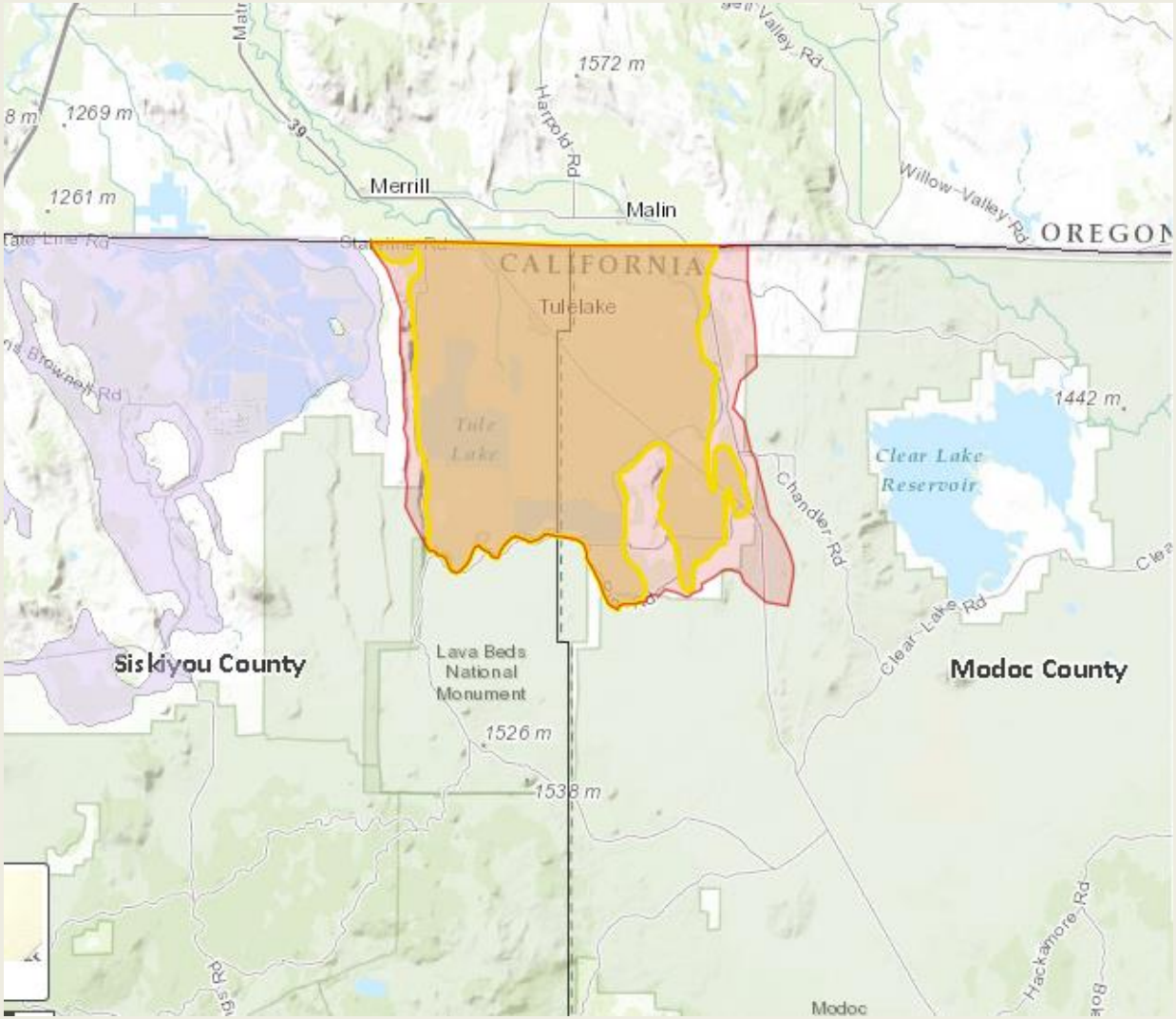
DWR Northern Region - B118 Basins and Changed Areas

Basin Boundary Modification Requests

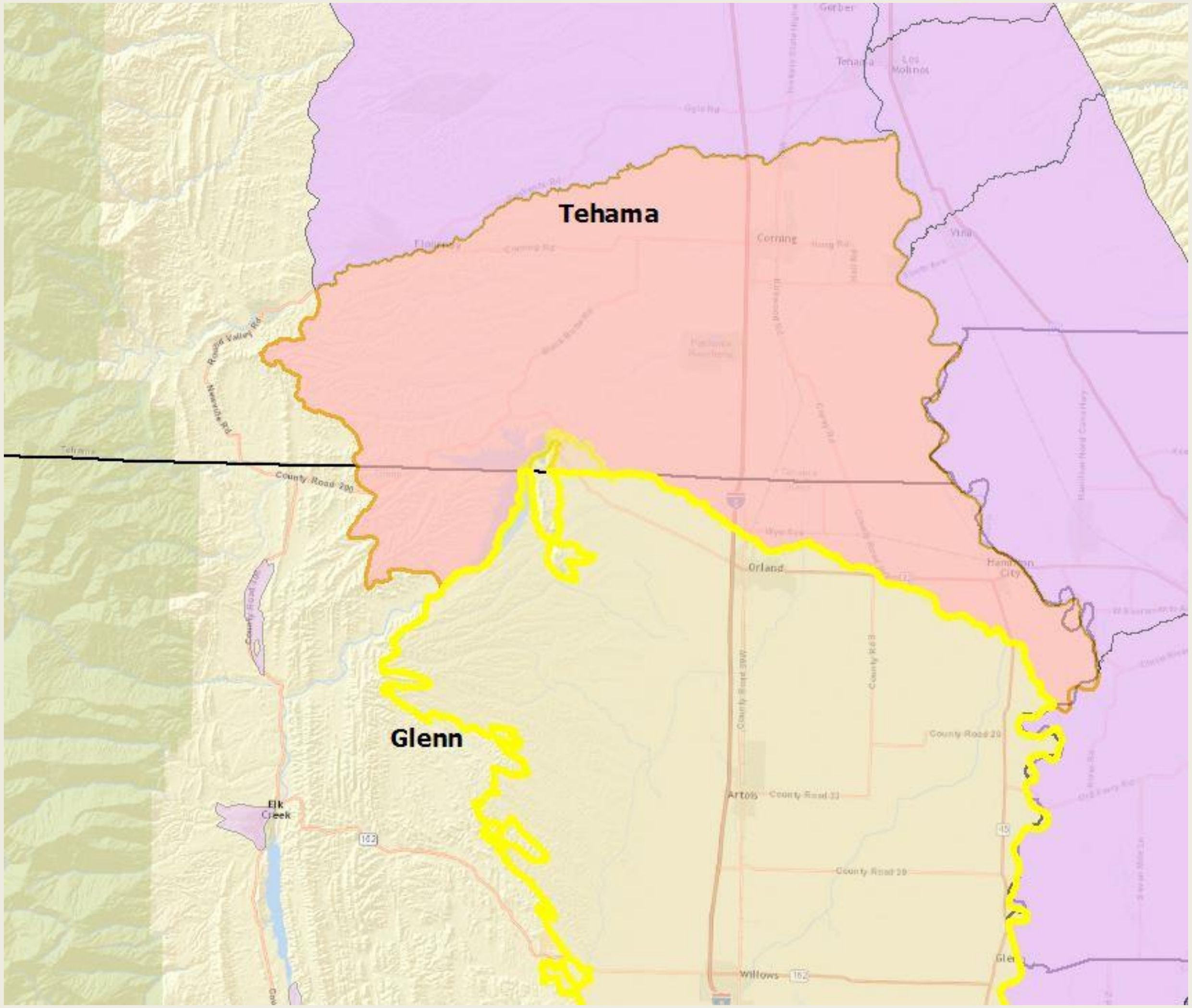
BBMRS-NRO


Six Rivers National Forest
Klamath
Klamath National Forest
CALIFORNIA
Modoc National Forest
Shasta National Forest
Trinity
Eureka
CASCADE RANGE
Lassen National Forest
Redding
Trinity National Forest
Plumas National Forest
Feather
Chico
Mendocino National Forest
Tahoe National Forest
Eldorado National

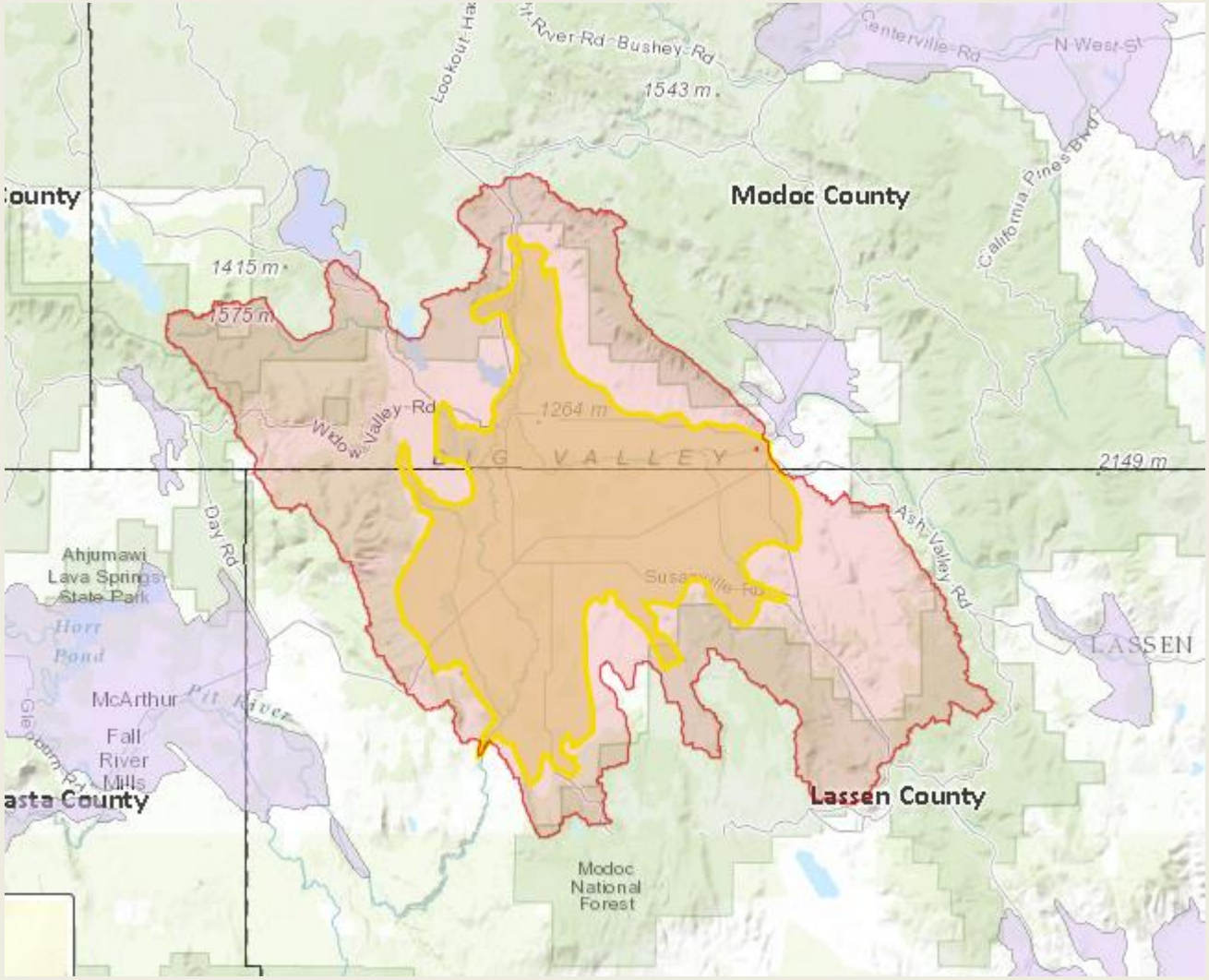
Tule Lake Subbasin



Colusa Subbasin



Big Valley Basin



Clarify Questions

- Questions on the Regulation
- Review Process
- Bulletin 118 and SGMA Basin Definition

Official Comment Period

- Comments will be heard, but not responded to.
- There will be a 3-minute time limit
- Your comments will be summarized in briefing to the California Water Commission
- Your comments will be recorded to assure accuracy