

MEETING AGENDA



CALIFORNIA DEPARTMENT OF WATER RESOURCES

Sustainable Groundwater Management Program (SGMP) SGMA Tribal Advisory Group

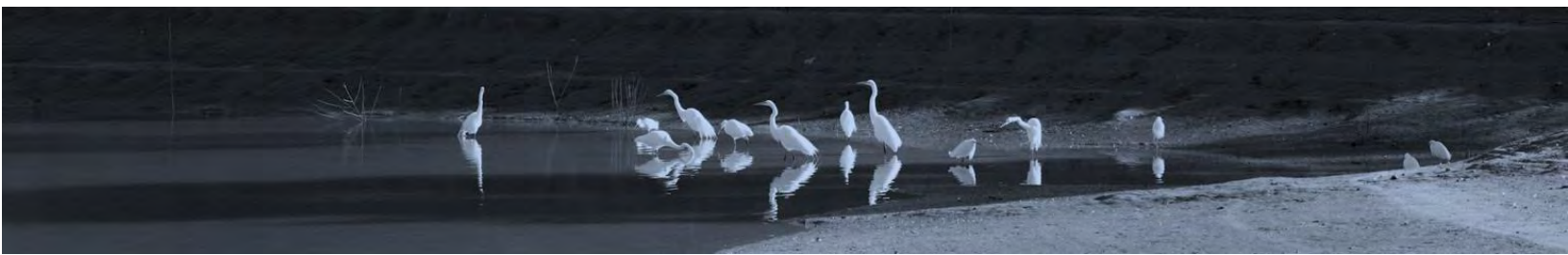
February 3, 2022, 1:00 p.m. – 3:00 p.m.

Via Microsoft Teams: [Click here to join the meeting](#)
 Or call in (audio only): [+1 916-573-2034,,298717752#](#)
 Phone Conference ID: 298 717 752#
[Find a local number](#) | [Reset PIN](#)

Meeting Objectives

- Updates and Participation in Groundwater Sustainability Agencies (GSAs) and Groundwater Sustainability Plan (GSP) Development
- Update on California Water Commission Groundwater Trading White Paper Efforts
- Update on SGMP Activities
- Discuss Opportunities for Tribal Hosted Meetings

TIME	ITEM	PRESENTERS
1:00 p.m. 10 mins	Welcome & Introductions <ul style="list-style-type: none"> • Introductions and Opening Remarks • Meeting Goals, Commitment, and Desired Outcomes 	Anecita Agustinez , Tribal Policy Advisor BoMazzetti , Chairman Rincon Band of Luiseno Indians Paul Gosselin , Deputy Director, DWR SGM Office
1:10 p.m. 30 mins	Tribal Updates and Participation in GSAs and GSP Development (Introductions, Solicit feedback on future meeting topics, etc.)	Facilitated by John Covington , Water Department Manager, Morongo Band of Mission Indians
1:40 p.m. 25 mins	Update on Groundwater Trading – see Att.1 for more information <ul style="list-style-type: none"> • Recap from Last Meeting • Groundwater Trading White Paper • Opportunities for Engagement and Input 	Joseph Yun , Executive Director, California Water Commission Laura Jensen , Assistant Executive Officer, California Water Commission
2:05 p.m. 25 mins	SGMP Updates <ul style="list-style-type: none"> • SGMA Program Overview – see Att.2 for more information • Public Comment Period for 2022 GSPs • SGM Grant Program Funding • Drinking Water Well Principles and Strategies – see Att.3 for more information 	Paul Gosselin Keith Wallace , Supervising Engineer, DWR SGM Office Melissa Sparks-Kranz , Policy Advisor, DWR SGM Office
2:30 p.m. 5 mins	Opportunities for Tribal Hosted Meetings <ul style="list-style-type: none"> • August 2 and October 6, 2022 	Facilitated by Anecita Agustinez
2:35 p.m. 25 mins	Open Discussion	Facilitated by Art Bunce , General Counsel, San Luis Rey Indian Water Authority
3:00 p.m.	Adjourn	Facilitated by Anecita Agustinez



ATTACHMENT 1 – BACKGROUND INFORMATION ON GROUNDWATER TRADING UPDATE

California Water Commission: Groundwater Trading Work

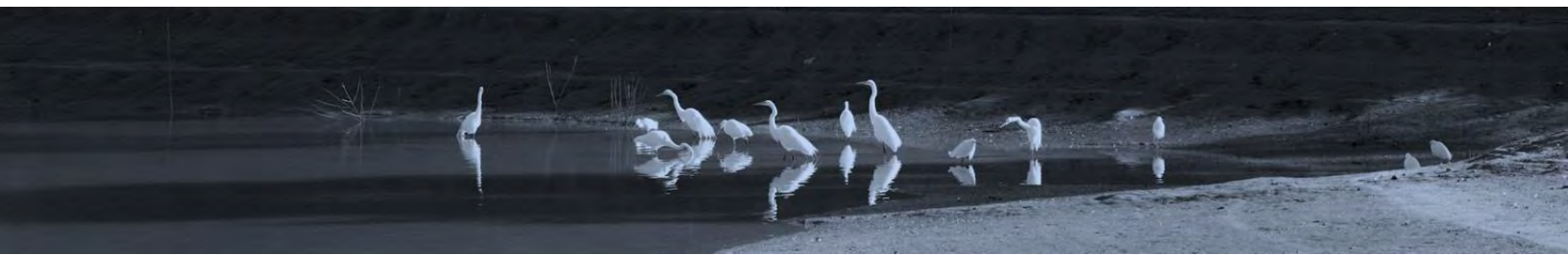
Groundwater Sustainability Agencies (GSAs) may develop groundwater trading programs within their basin to exercise flexibility between allocation holders to shift water where it is needed most. The California Water Commission has been asked by the Secretaries of the Natural Resources Agency, California Environmental Protection Agency, and California Department of Food and Agriculture to assist with framing state considerations around how to shape well-managed groundwater trading programs while safe guarding groundwater-dependent ecosystems, medium and small farms, and disadvantaged communities. The Commission’s work will help State agencies to advance Action 3.6 from the Governor’s Water Portfolio (see below for more information).

The California Water Commission’s Draft White Paper on Groundwater Trading can be found online, here: https://cwc.ca.gov/-/media/CWC-Website/Files/Documents/2022/01_January/January2022_Item_10_Attach_1_DraftWhitePaper_Final.pdf.

Water Portfolio Item 3.6

Create flexibility for GSAs to trade water within basins by enabling and incentivizing transactional approaches, including groundwater markets, with rules that safeguard natural resources, small- and medium-size farms, and water supply and quality for disadvantaged communities.

(Implementing agencies are DWR, California Department of Fish and Wildlife, California Department of Food and Agriculture, and the State Water Resources Control Board).



ATTACHMENT 2 – BACKGROUND INFORMATION ON DWR’S STATEWIDE GROUNDWATER MANAGEMENT ASSISTANCE

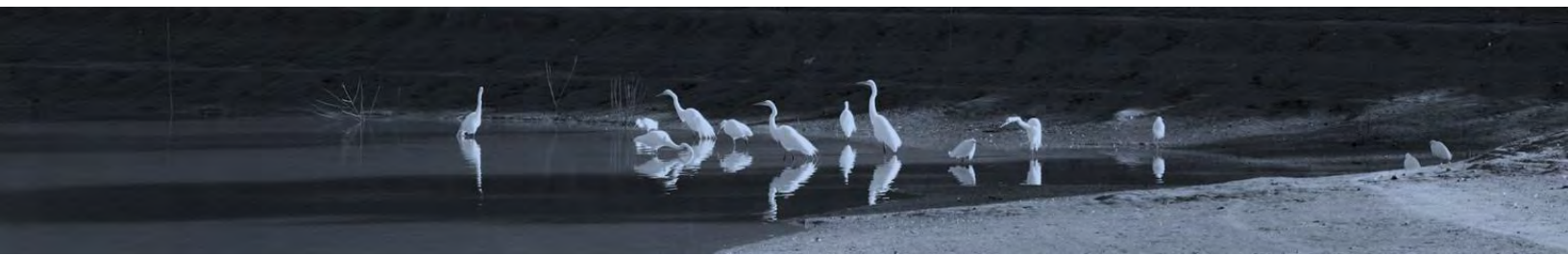
DWR will continue to provide [assistance](#) and guidance to locals throughout plan implementation under the Sustainable Groundwater Management Act (SGMA).

Planning Assistance

- **Basin Points of Contact/Regional Coordinators:** Each high- and medium- priority basins are assigned a Point of Contact (POC) and a Regional Coordinator (RC) from DWR Region Offices. POCs and RCs assist GSAs and stakeholders in the basin to [connect with DWR](#) and locate resources for assistance.
- **Facilitation Support Services (FSS):** Provides professional facilitators to help GSAs foster discussions among diverse water management interest groups. GSAs or other groups coordinating with the GSAs to develop and implement GSPs, are eligible to apply on a continuous basis using the following [link](#).
- **Written Translation Services (WTS):** Available to help GSAs, or other groups assisting in local SGMA implementation efforts, to communicate the groundwater planning activities with their non-English speaking constituents. GSAs or other groups coordinating with the GSAs to develop GSPs, are eligible to apply on a continuous basis using the following [link](#).
- **Communication and Engagement Toolkits:** [Available](#) to help the GSAs communicate and educate the public and interested parties in their basins about groundwater and SGMA.

Technical Assistance

- **Technical Support Services (TSS):** Provides DWR technical staff and drilling and other contractors to assist GSAs with the installation of dedicated groundwater monitoring wells and other monitoring stations to fill data gaps identified in the basins. For more information or help starting a TSS application, contact DWR’s Region Coordinators at sgmp_rc@water.ca.gov.
- **Data and Tools:** Statewide datasets and models have been developed to assist GSAs and the public by providing information to help with the development of GSP elements. The [following datasets and tools](#) have been made available:
 - Online interactive maps for the public to view and download SGMA datasets, now on CalGW Live: <https://sgma.water.ca.gov/CalGWLIVE/> and also on the [SGMA Data Viewer](#), including groundwater levels, wells, environmental, land use and subsidence data
 - The most up-to-date subsidence data, from January 2015 to October 2021, will be released February 2022 and will be reported out quarterly moving forward.
 - For Central Valley basins, a [water resources management and planning model](#) that simulates groundwater, surface water, stream-groundwater interaction (C2VSim-FG) is available.
 - [Aerial electromagnetic \(AEM\) surveys](#) flown by helicopter over basins provides data to understand basin conditions and inform where water can be applied to recharge the basin.
- **Guidance and Education:**
 - [Six Best Management Practices \(BMPs\) and five Guidance Documents](#) to provide clarification, guidance, and examples to help GSAs develop elements of a GSP.
 - [California’s Groundwater Update](#): State’s official publication on the occurrence and nature of groundwater in California.



Financial Assistance

Sustainable Groundwater Management (SGM) Grant Programs:

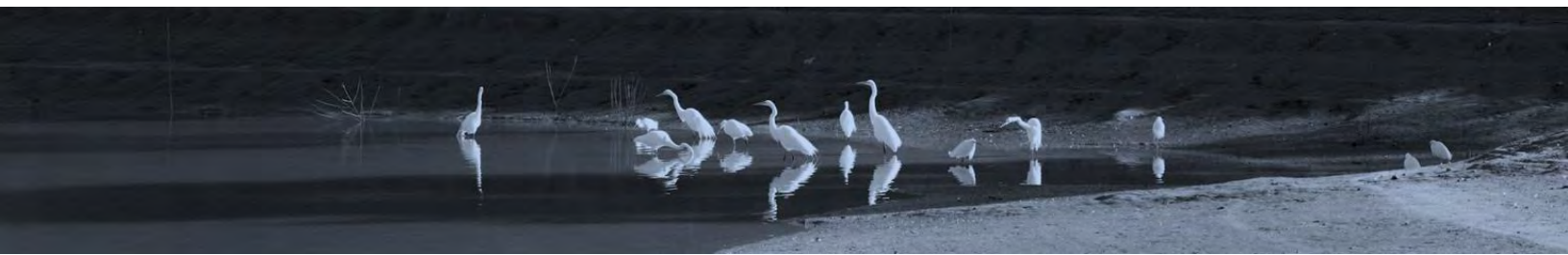
- **SGM Grant Program:** provides funds to develop and implement sustainable groundwater planning and projects.
- DWR released Final 2021 SGMA Implementation [Guidelines](#) and [Proposal Solicitation Package \(PSP\)](#) (GL/PSP) on December 17 for at least two rounds of funding:
 - Round 1 will provide over \$150 million (M) to critically overdrafted basins for planning and implementation projects to help comply with SGMA. Solicitation began December 20, 2021 and will close February 18, 2022.
 - Round 2 anticipates making over \$200M available to high and medium priority basins for planning and implementation projects to help comply with SGMA. Solicitation is planned to begin in late 2022/early 2023.
- For questions, please contact DWR's Financial Assistance Branch at SGWP@water.ca.gov.

2021 Drought Relief Funding:

- **Urban and Multibenefit Drought Relief Grant Funding:** As part of the 2021 drought-related funding, DWR released the final GL/PSP on October 28, 2021 to open the solicitation for approximately \$190M in grant funds for Urban and Multi-benefit Drought Relief funding.
 - For questions, please contact the program by email at urbandrought@water.ca.gov.
- **Small Community Drought Relief Program:** The [Small Community Drought Relief Program](#) offers financial and technical assistance to small communities facing water supply challenges because of the current drought. DWR is currently accepting applications for eligible projects on a non-competitive first-come, first-served basis. Further details are provided in the [Guidelines](#).
 - All applicants are encouraged to submit their applications electronically to SmallCommunityDrought@water.ca.gov.

Integrated Regional Water Management (IRWM) Implementation Grant Program:

- **IRWM Grant Program:** provides funding for projects and programs that implement an IRWM Plan, including groundwater management projects. Approximately \$220M of Proposition 1 funding has been awarded in 2019/2020. Another \$180M in Proposition 1 funds will be available in 2021-2022 timeframe.
- For questions, please contact dwr_irwm@water.ca.gov.



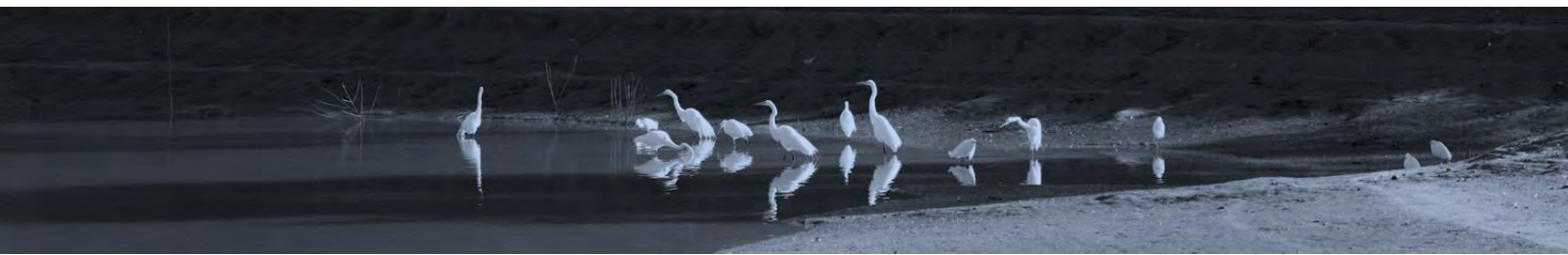
ATTACHMENT 3 – BACKGROUND INFORMATION ON APRIL 2021 DROUGHT PROCLAMATION

Drought Executive Action 11: Drinking Water Well Principles and Strategies

As part of the [April 21, 2021 Drought Executive Proclamation Action 11](#) signed by Governor Gavin Newsom, the California Department of Water Resources (DWR), in coordination with the State Water Resources Control Board (SWRCB), advanced the development of principles and strategies related to groundwater management and drinking water well impacts. The State of Emergency Proclamation was signed by the Governor after two dry years to prioritize the protection of public health, safety and the environment, and to prepare for and mitigate the effects of drought conditions. Executive Action 11 specifically identifies:

“To ensure the potential impacts of drought on communities are anticipated and proactively addressed, the Department of Water Resources, in coordination with the Water Board, shall develop groundwater management principles and strategies to monitor, analyze, and minimize impacts to drinking water wells.”

The Final Drinking Water Well Principles and Strategies document was completed in December 2021 and can be found at: <https://water.ca.gov/Programs/Groundwater-Management/Drinking-Water-Principles>. This document provides a framework for the State to guide actions to improve drinking water resilience for those who rely on groundwater.



Quarterly Meeting of the Tribal Advisory Group

Sustainable Groundwater Management Program

California Department of Water Resources

February 3, 2022



Agenda

ITEM	PRESENTERS
Welcome & Introductions Introductions and Opening Remarks Meeting Goals, Commitment, and Desired Outcomes	Anecita Agustinez , Tribal Policy Advisor Bo Mazzetti , Chairman Rincon Band of Luiseno Indians Paul Gosselin , Deputy Director, SGM Office (SGMO)
Tribal Updates and Participation in GSAs and GSP Development	Facilitated by John Covington , Water Department Manager, Morongo Band of Mission Indians
Update on Groundwater Trading <i>See Att.1 for more information</i>	Joseph Yun , Executive Director, CA Water Commission Laura Jensen , Assistant Executive Officer, CA Water Commission
SGMP Updates, including Grant Program Funding <i>See Att.2 and 3 for more information</i>	Paul Gosselin Keith Wallace , Supervising Engineer, SGMO Melissa Sparks-Kranz , Policy Advisor, SGMO
Opportunities for Tribal Hosted Meetings: August 4 & October 6, 2022	Facilitated by Anecita Agustinez
Open Discussion	Facilitated by Art Bunce , General Counsel, San Luis Rey Indian Water Authority
Adjourn	Facilitated by Anecita Agustinez



Welcome & Introductions

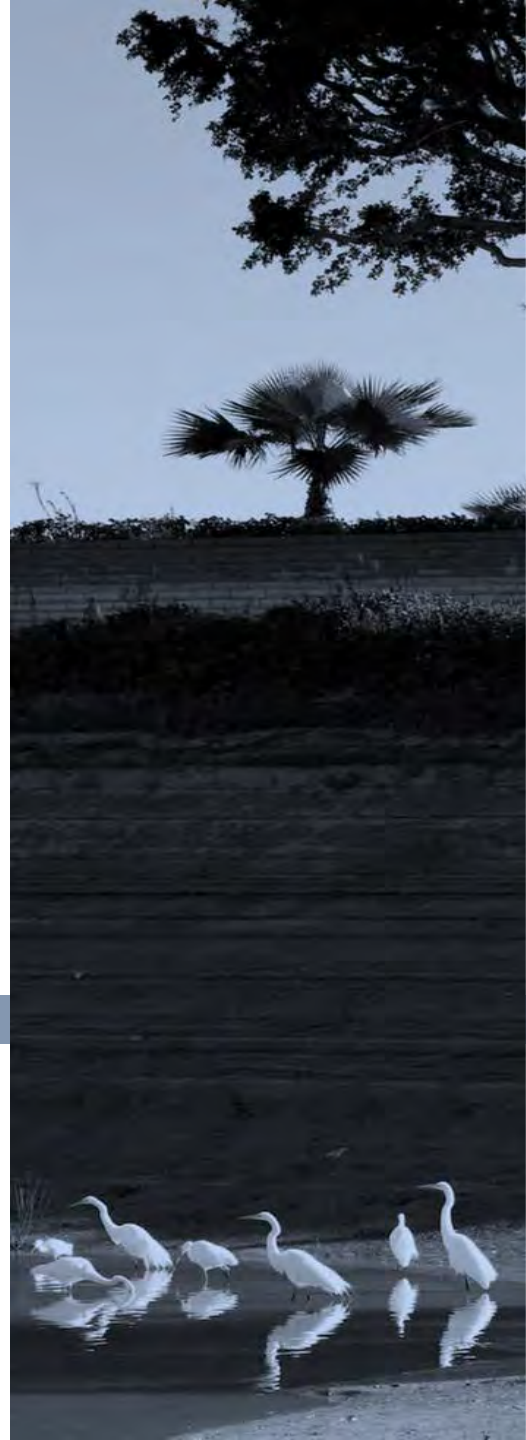
- Introductions and Opening Remarks
- Meeting Goals, Commitment, and Desired Outcomes

Facilitated By:

Anecita Agustinez, DWR Tribal Policy Advisor

Bo Mazzetti, Chairman Rincon Band of Luiseno Indians

Paul Gosselin, DWR Deputy Director



Tribal Updates

- Introductions
- Updates on Participation in GSA and GSP Development

Facilitated By:

John Covington, Water Department Manager, Morongo Band of Mission Indians



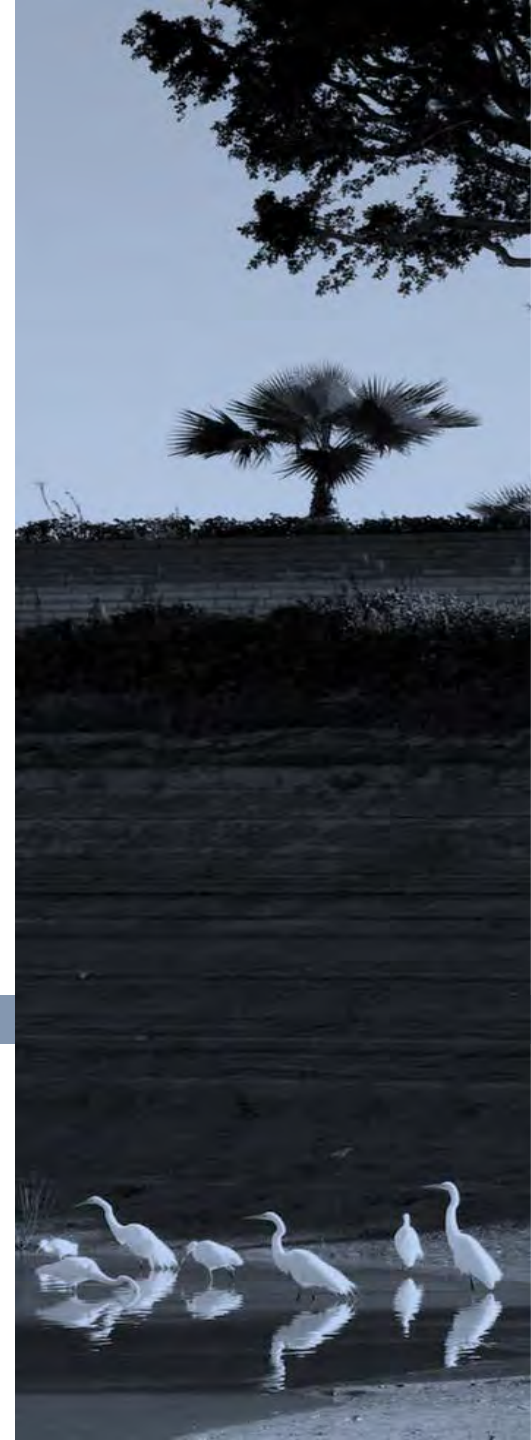
Groundwater Trading

- Recap from Last Meeting
- Groundwater Trading White Paper
- Opportunities for Engagement and Input

Facilitated By:

Joe Yun, Executive Officer, CA Water Commission

Laura Jensen, Assistant Executive Officer, CA Water Commission



Groundwater Trading: Draft White Paper

Create flexibility for groundwater sustainability agencies to trade water within basins by enabling and incentivizing transactional approaches, including groundwater markets, with rules that safeguard natural resources, small- and medium size farms, and water supply and quality for disadvantaged communities.

Implementing Agencies: Department of Water Resources, California Department of Fish and Wildlife, State Water Resources Control Board and, the California Department of Food and Agriculture

Action 3.6

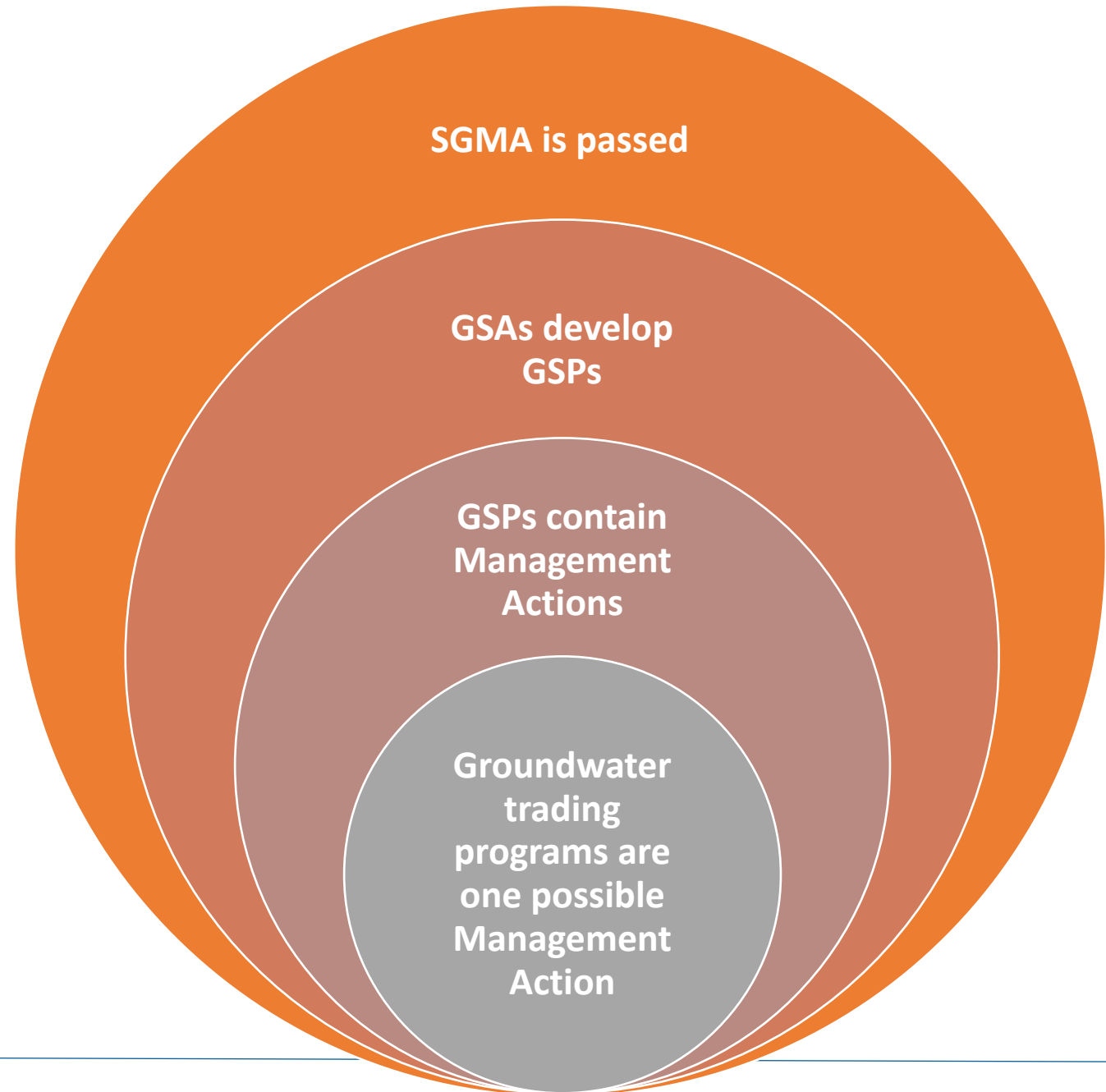
Commission's role

- Hold public conversations.
- Focus on safeguards for groundwater trading.
- Consider accounting and allocations as it relates to trading.
- Consider role of the state in groundwater trading.
- Develop white paper with guidance for implementing agencies to advance Action 3.6.

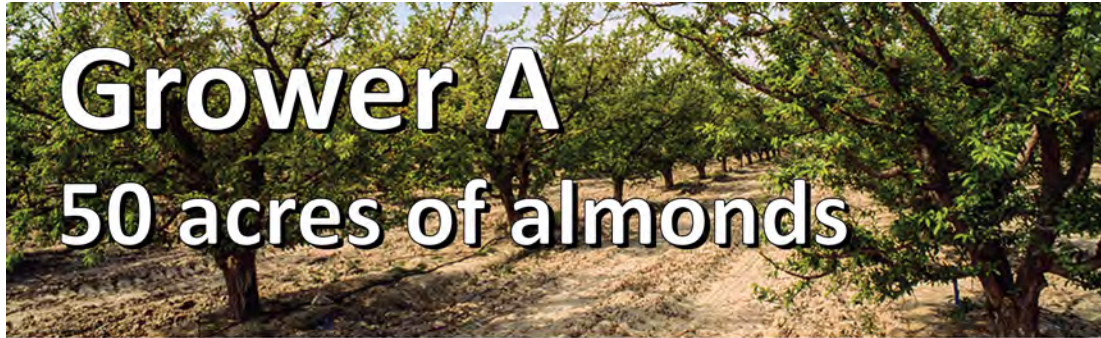


How is Groundwater Trading Related to SGMA?

- **GSA**s have the authority to allocate and manage groundwater.
- **The state** ensures that GSAs are compliant with SGMA by reviewing GSPs to make sure that they are adequate.



What is Groundwater Trading?



Requires:
150 AF 

Allocation:
50 AF 



Requires:
200 AF 

Allocation:
100 AF 

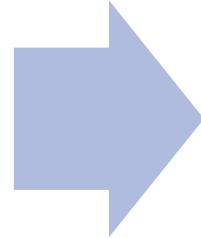


Purchased the ability to pump more water

\$\$

Sold allocation to
Grower A, fallowed crop

Commission Timeline



Frame the Issue

- Expert Panels
- Small Group Conversations

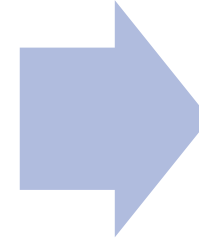
June - September 2021



Hold Public Discussions

- Localized Outreach
- Public Workshops

September - November 2021

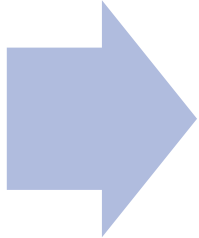


Draft White Paper

- Present Draft
- Present Final

January - March 2022

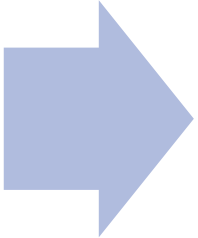
Commission Timeline



Frame the Issue

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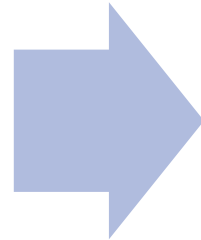
Commission Timeline



Frame the Issue

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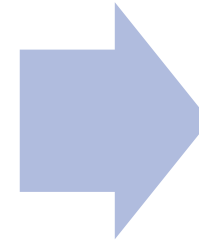
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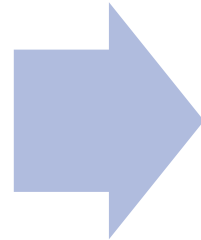


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January - March 2022

Commission Timeline



Frame the Issue

- Expert Panels
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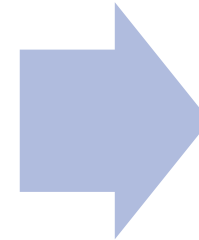
June - September 2021



Hold Public Discussions

- Localized Outreach
- Public Workshops

September - November 2021



Draft White Paper

- Present Draft
- Present Final

January - March 2022

Structure of White Paper

1. Executive Summary
2. Introduction
3. The Commission's Role and Approach
4. Current State Engagement
5. Cross-Cutting Themes: Context for Groundwater Trading Discussions
6. Considerations for Safeguarding Vulnerable Users: Concerns and Risks
7. Findings
8. Potential Next Steps for State Engagement
9. Appendix 1: Groundwater Trading Stakeholder Advisory Group Members

Cross-Cutting Themes: Context for Groundwater Trading Discussions

- Trust is critical
- Implementing sustainable groundwater management takes time and information
- Groundwater trading is built upon accurate data and a sound groundwater sustainability plan
- Groundwater trading is just one tool in the sustainable management toolbox and may not be appropriate in all instances
- The State has a role to play



Considerations for Safeguarding Vulnerable Users: Concerns and Risks

- Natural Resources
- Small- and Medium-sized Farm Operators
- Disadvantaged Communities



Findings

1. Safeguards for vulnerable users
2. Characteristics of well-managed local groundwater trading
3. Stakeholder engagement
4. Accurate, reliable data
5. Mechanisms for safeguarding vulnerable users
6. Applying safeguards to protect vulnerable users
7. Market power
8. Oversight and enforcement
9. Start small
10. Scaling up



Potential Next Steps for State Engagement – Group 1

1. Conduct SGMA related oversight.
2. Convene stakeholders to share information.
3. Identify and assess GSA needs.
4. Engage and support vulnerable users
5. Create digital resources and catalog available trading information.
6. Provide allocation guidance.
7. Develop Best Management Practices.



Potential Next Steps for State Engagement – Group 2

8. Examine existing authorities.
9. Create standard principles and rules.
10. Create oversight mechanisms.
11. Evaluate incentives for wetlands.
12. Support groundwater technical assistance programs for farmers.



White Paper Next Steps

- White paper is available on the Commission's website:

[Groundwater Trading draft White Paper \(ca.gov\)](#)

- Public comment is welcome through February 28th

- Public comment can be submitted to:

cwc@water.ca.gov

- Questions can be directed to:

Laura Jensen - Laura.Jensen@water.ca.gov

Joe Yun – Joseph.Yun@water.ca.gov

- Final white paper will be brought to the March 16th Commission meeting
- Public comment welcome at all Commission meetings

SGMP Updates

- SGMA Program Overview – *see Att.2 for more information*
- Open Comment Period for 2022 GSPs
- SGM Grant Program Funding
- Drinking Water Well Principles and Strategies – *see Att.3 for more information*

Facilitated By:

Paul Gosselin, DWR Deputy Director

Keith Wallace, Outreach and Engagement Section Manager

Melissa Sparks-Kranz, Policy Advisor to the Deputy Director





SGMA Regulatory Updates

SGMA Timeline

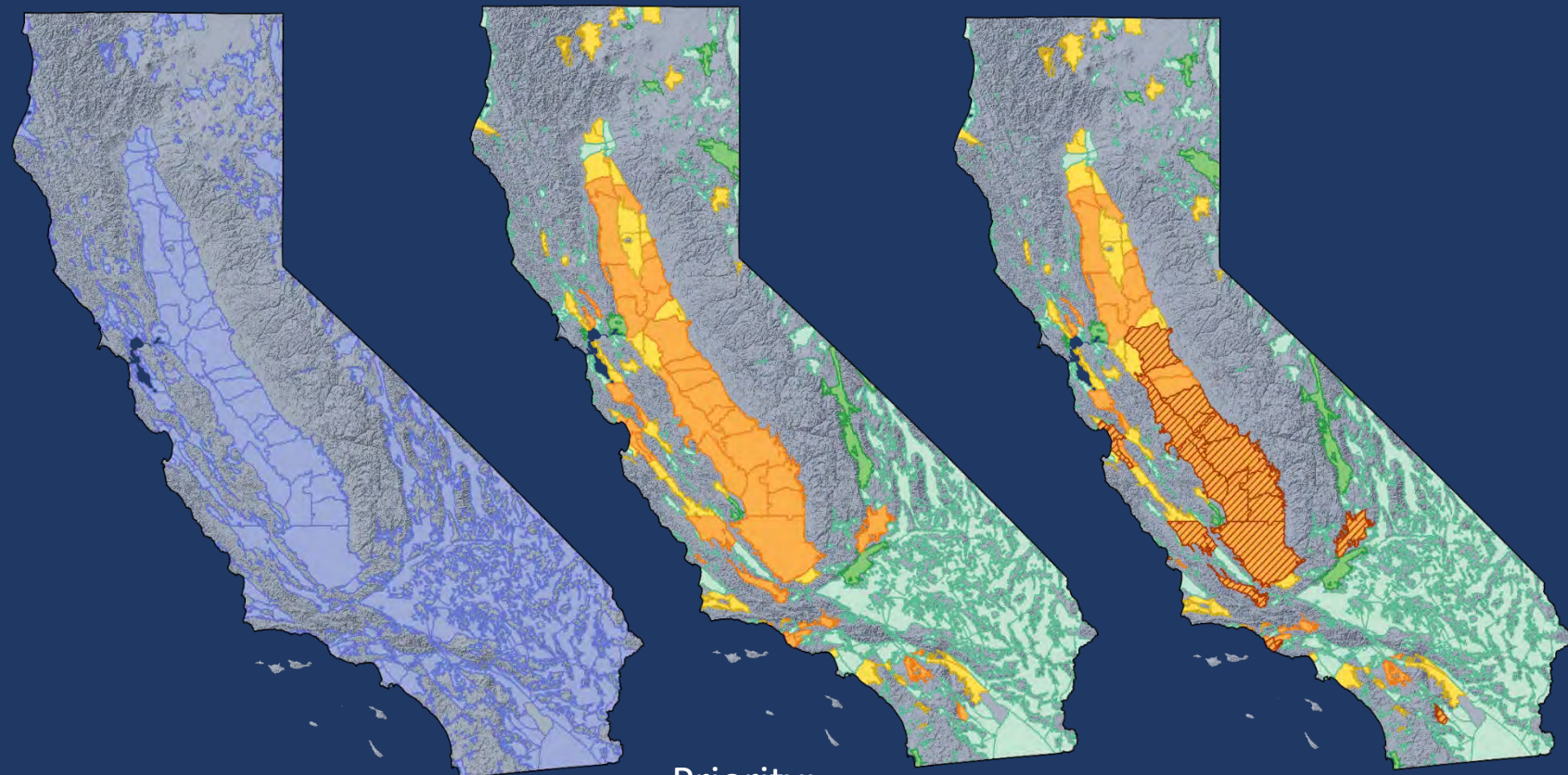
2012 2012-2016 Drought

2014 SGMA signed into law

515 Basins

94 High & Medium Priority Basins

21 Critically Overdrafted Basins



Groundwater Basins

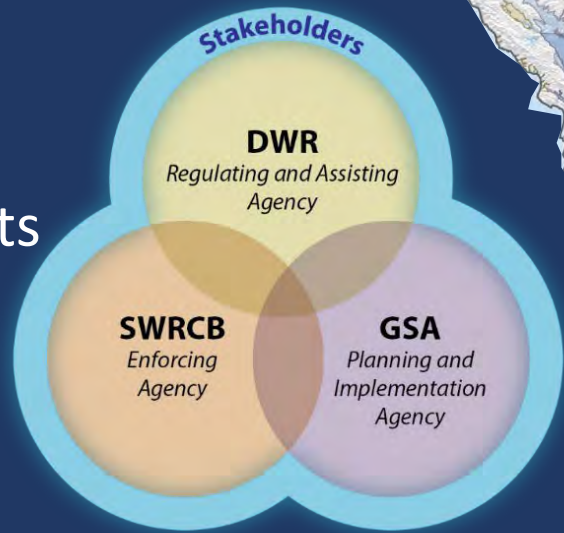
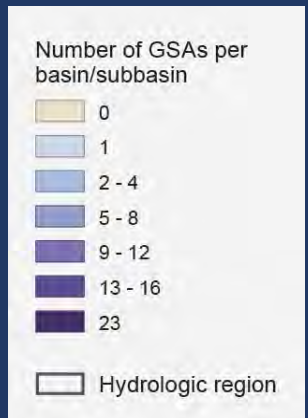
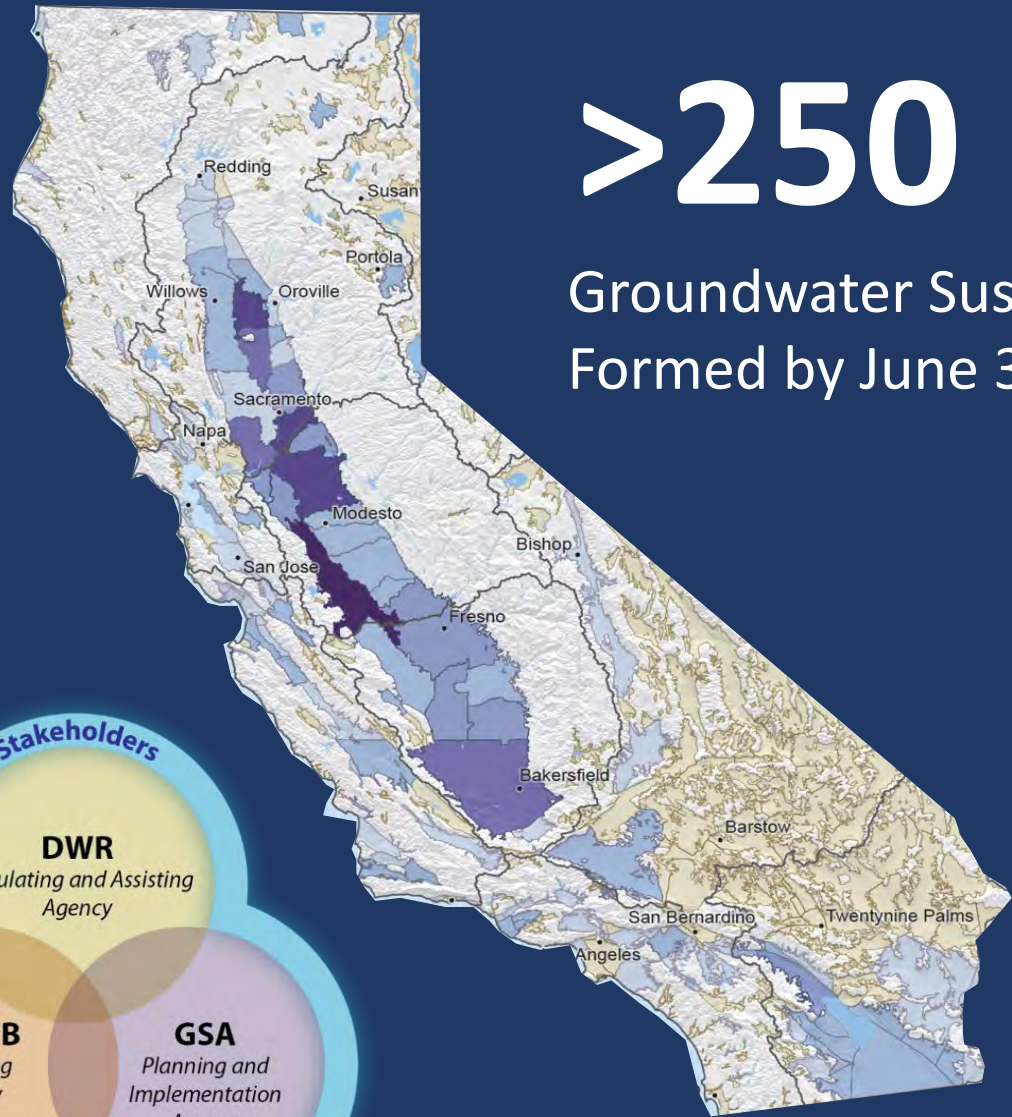
Priority:
High Medium Critically Overdrafted Basins
Low Very-Low

SGMA Timeline

- 2012** 2012-2016 Drought
- 2014** SGMA signed into law
- 2016** SGMA Rulemaking
- 2017** Agency Formation
- 2020** GSP Submittals
- 2022** Initial GSP Assessments
- 2022** GSP Submittals

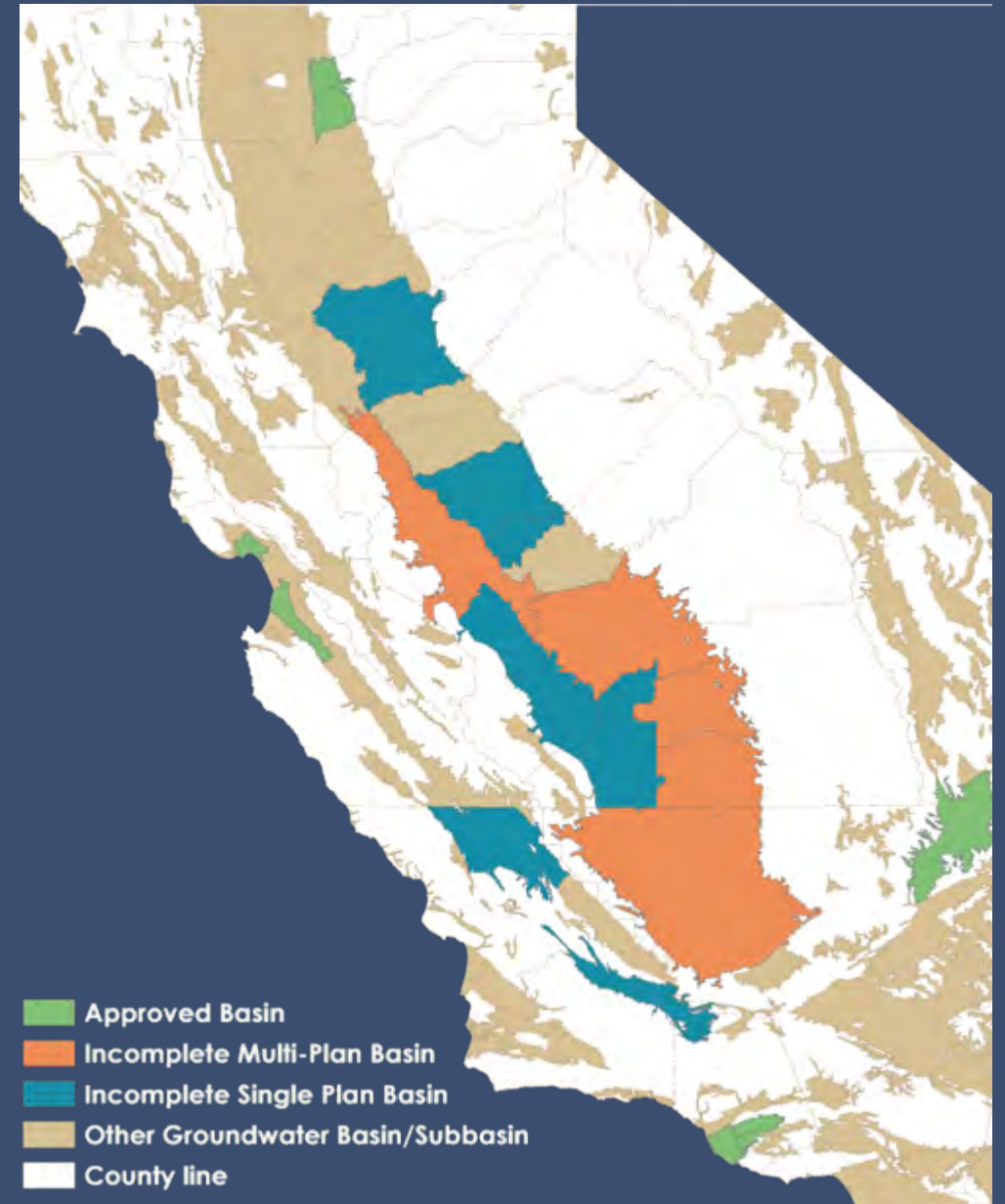
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Groundwater Sustainability Agencies Formed by June 30, 2017



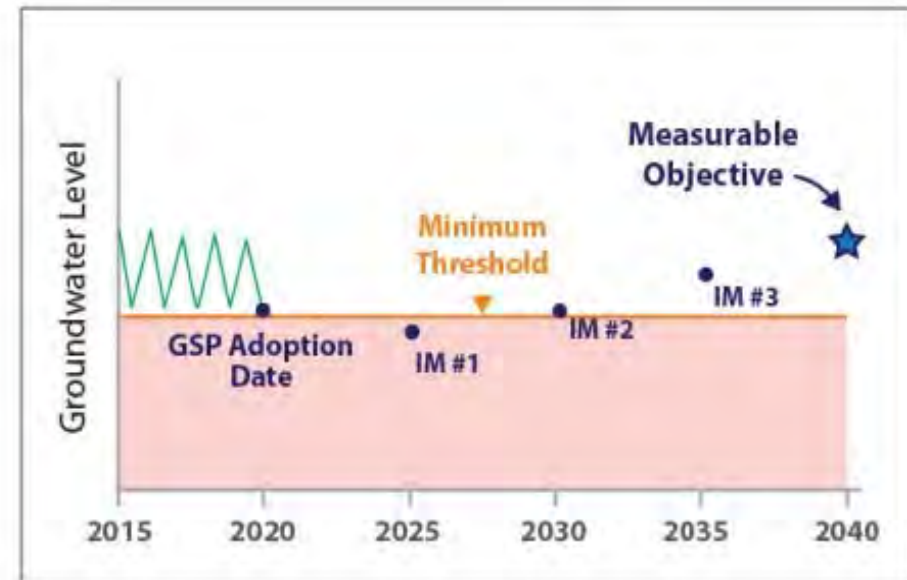
Plan Evaluations

- DWR issued 20 Assessments on 42 Plans submitted in 2020
 - 8 received Approvals with recommended corrective actions
 - 12 received Incomplete Determinations and have 180 days to address deficiencies in Plans



Common Themes from the GSP Evaluations

- **Eliminating overdraft** is central to SGMA but not the only requirement
- This should be done in concert with **avoiding undesirable results**
- Sustainable management criteria need to be developed with **consideration of all beneficial uses and users**



Diagrams from [DWR's Draft Best Management Practices document on Sustainable Management Criteria](#)

Other Key Considerations

- Clearly show work and identify **data gaps**
- Uphold **public transparency** when correcting plans
- **Continue local outreach** and engagement with beneficial users
- Implement **comprehensive projects** and management actions

Stakeholder Engagement Chart for GSP Development

Category of Interest	Examples of Stakeholder Groups
General Public	<ul style="list-style-type: none"> • Citizens groups • Community leader
Land Use	<ul style="list-style-type: none"> • Municipalities (City, County planning departments) • Regional land use agencies
Private users	<ul style="list-style-type: none"> • Private pumpers • Domestic users • Schools and colleges • Hospitals
Urban/ Agriculture users	<ul style="list-style-type: none"> • Water agencies • Irrigation districts • Municipal water companies • Resource conservation districts • Farmers/Farm Bureaus
Industrial users	
Environmental and Ecosystem	
Economic Development	
Human right to water	
Tribes	
Federal and State lands	
Integrated Water Management	

Guidance on Engaging and Communicating with Underrepresented Groundwater Users

Guidance on Engaging and Communicating with Underrepresented Groundwater Users

Effective community engagement will benefit Groundwater Sustainability Plan (GSP) development, annual reporting, and the implementation of projects. Special consideration should be given to ensure all groundwater users are engaged, including but not limited to, disadvantaged communities, private domestic well owners, small growers and farmers, Tribes, communities on small water systems, and other underrepresented individuals or groups.

This guidance is provided as an enhancement to the January 2018 [Guidance Document for Groundwater Sustainability Plan Stakeholder Communication and Engagement](#) (2018 Guidance Document). Similar to the 2018 Guidance Document, this guidance is not intended to prescribe specific outreach and communications methods for Groundwater Sustainability Agencies (GSA) or local agencies to follow, but to provide various examples for consideration. Other than what is required by statute or regulation (detailed in the box, to the right), GSAs have discretion on how they communicate and engage with, and consider the interests of, beneficial uses and users of groundwater within a basin. Based on community feedback, Department of Water Resources (DWR) recognizes that there are groups or communities of groundwater users that have been historically and frequently left out from decision-making with regard to sustainable groundwater management. These groups include, but are not limited to: disadvantaged communities, private domestic well owners, small growers and farmers, Tribes, and communities on small water systems. All beneficial uses and users of groundwater must be part of the effort to achieve sustainability, and engagement should occur with all entities that could be affected by the implementation of a GSP.

Applicable Legislation and Regulations:
California Water Code 10723.2 The groundwater sustainability agency shall consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing groundwater sustainability plans.
23 Cal. Code Regs. §354.10 Notice and Communication. Each Plan shall include a summary of information relating to notification and communication by the Agency with other agencies and interested parties including the following: (a) a description of the beneficial uses and users of groundwater in the basin, including the land uses and property interests potentially affected by the use of groundwater in the basin, the types of parties representing those interests, and the nature of consultation with those parties.

Like any community, underrepresented communities are unique, with strengths and weaknesses; and the members are experts about their community, are proud of what they have, and are hopeful for a better future.

California Department of Water Resources plans to update the 2018 Guidance Document in 2021. The enhanced concepts presented here will be incorporated into the updated Guidance Document.

California Department of Water Resources

2022 Plan and Alternative Periodic Evaluation Submittal

January 2020 January 2022 July 2022 January 2024

2020 GSPs
Submitted

20 Basin Assessments
for 42 Plans

Determinations
Released

Incomplete Process
(180 days)

2022 GSPs Submitted

65 Plans from 63 Basins

Alternative Periodic
Evaluations Submitted

8 Alternatives from 8 Basins

Continuous: Local Implementation Efforts & Annual Reports
State Technical, Planning, and Financial Assistance

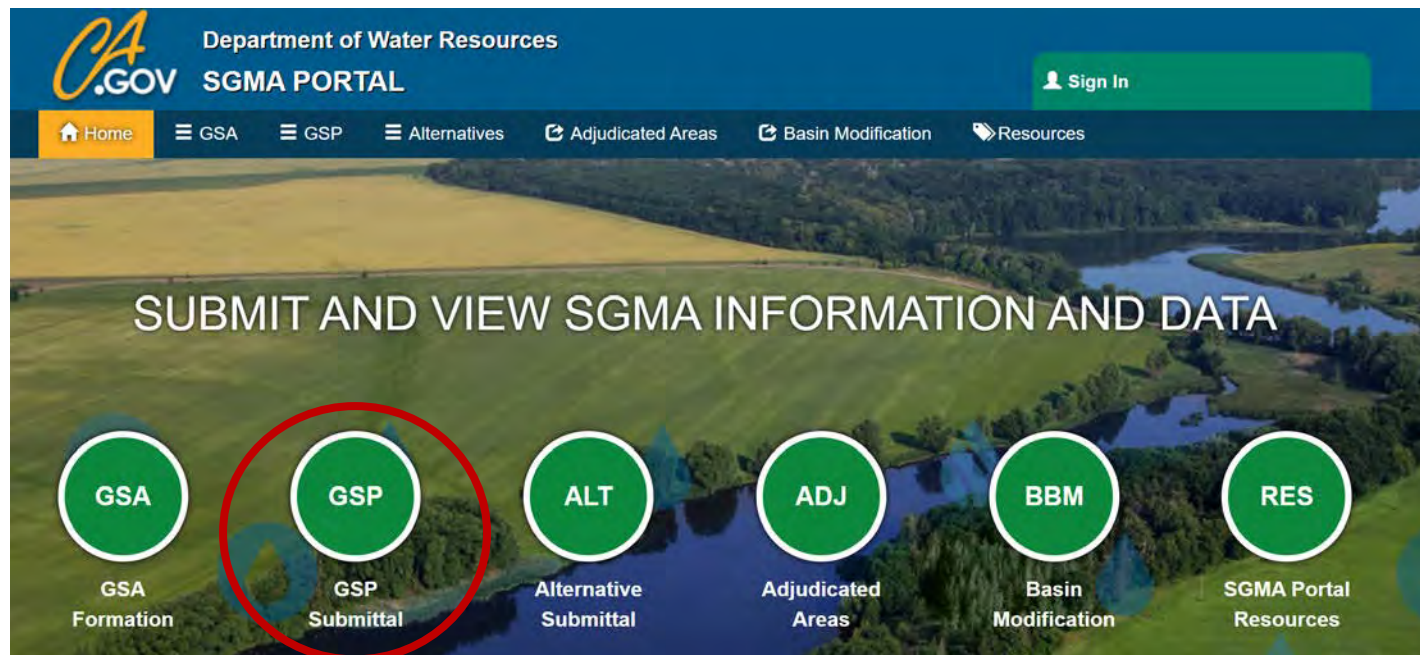



Priority:



How to Provide Public Comments on Plans Submitted to the State

- GSPs for High and Medium Priority Basins due January 31, 2022 have been submitted
- Periodic Evaluations for Alternatives due January 1, 2022 have been submitted
- DWR has 20 days to review Plans and Alternatives for completeness
- Then plans will be posted to the SGMA Portal, under GSP Submittal



- Select:  Public Comments
- Submit questions: GSPSubmittal@water.ca.gov
- Additional information available on the SGMA Portal: <https://sgma.water.ca.gov/portal>

SGMA Basin Points of Contact (POCs)

- Groundwater Basin Points of Contact links:

[Northern Region](#)

[North Central Region](#)

[South Central Region](#)

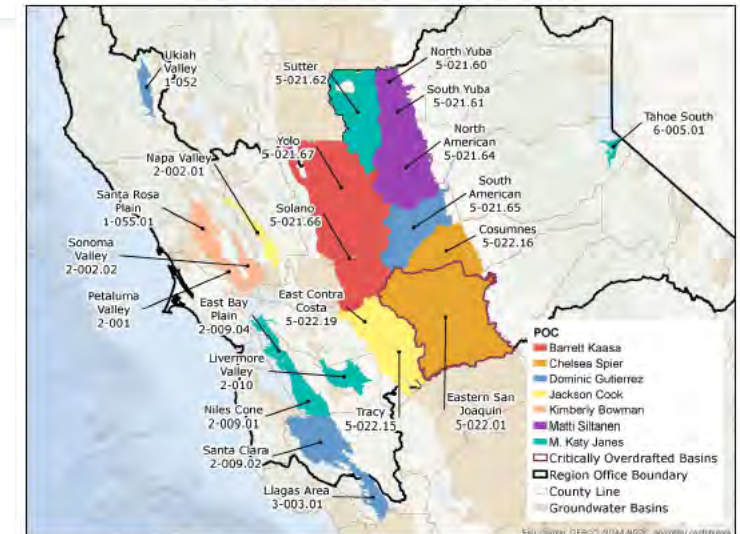
[Southern Region](#)

- Maps with POC contact information will be emailed to attendees after the presentation for reference

- Send regional inquiries to: sgmp_rc@water.ca.gov

North Central Region Office

SGMA Points of Contact – Subject to Change



This map illustrates the Point of Contact (POC) for each listed groundwater basin. DWR has POCs for your use when contacting DWR with questions related to SGMA. If a groundwater basin of interest is not listed on the map or table below, and you have questions, please email SGMP_RC@water.ca.gov. POCs will get back to you during regular business hours as soon as possible. This map is current as of December 2021 and subject to change.



POC	Email	Phone	Basin(s)
Barrett Kaasa	Barrett.Kaasa@water.ca.gov	916-376-9618	Sacramento Valley – [Solano (5-021.66), Yolo (5-021.67)]
Chelsea Spier	Chelsea.Spier@water.ca.gov	916-376-9656	San Joaquin Valley – [Eastern San Joaquin (5-022.01), Cosumnes (5-022.16)]
Dominic Gutierrez	Dominic.Gutierrez@water.ca.gov	916-376-9626	Ukiah Valley (1-052), Santa Clara Valley – Santa Clara (2-009.02), Gilroy-Hollister Valley – Llagas Area (3-003.01), Sacramento Valley – South American (5-021.65)
Jackson Cook	Jackson.Cook@water.ca.gov	916-376-9623	Napa-Sonoma Valley – Napa Valley (2-002.01), San Joaquin Valley – [Tracy (5-022.15), East Contra Costa (5-022.19)]
Kimberly Bowman	Kimberly.Bowman@water.ca.gov	916-376-9622	Petaluma Valley (2-001), Napa-Sonoma Valley – Sonoma Valley (2-002.02), Santa Rosa Valley – Santa Rosa Plain (1-055.01)
M. Katy Janes	Margaret.Janes@water.ca.gov	916-376-9607	Livermore Valley (2-010), Santa Clara Valley – [East Bay Plain (2-009.04), Niles Cone (2-009.01)], Tahoe Valley – Tahoe South (6-005.01), Sacramento Valley – Sutter (5-021.62)
Matti Siltanen	Mattihohto.Siltanen@water.ca.gov	916-376-9631	Sacramento Valley – [North Yuba (5-021.60), South Yuba (5-021.61), North American (5-021.64)]

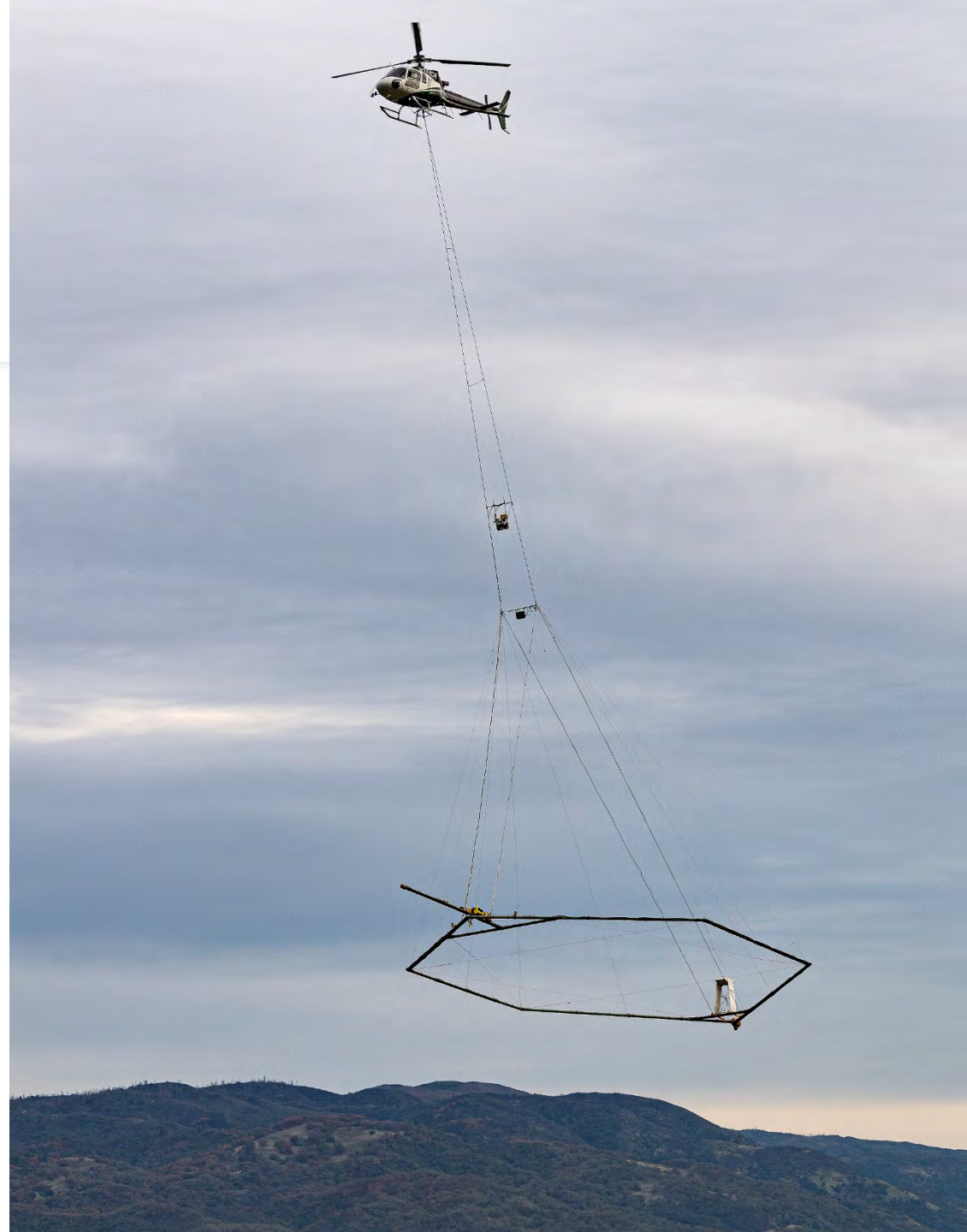


Existing & Updated Data

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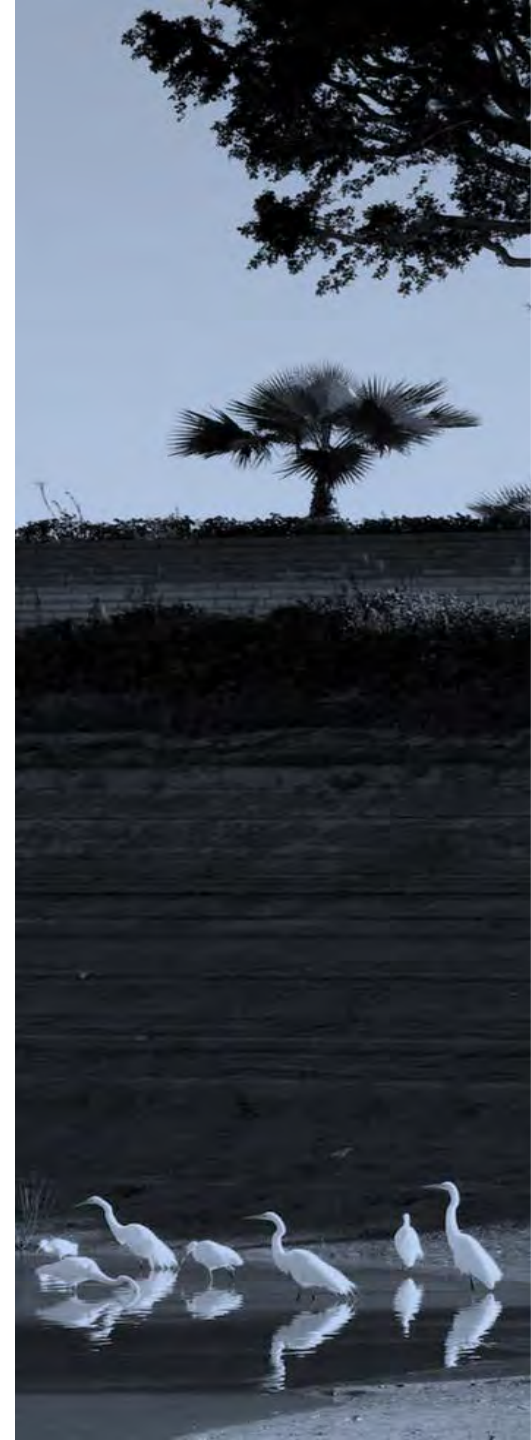
Existing & Updated Data

- Recent DWR SGMO Accessing Groundwater Data and Tools Webinar
 - [More information on the DWR Data and Tools Webinar](#)
- Land Subsidence InSAR Data
 - [More information on the DWR Data and Tools Webpage](#)
- New Efforts on Accounting & Water Trading
 - [More information about the CA Water Data Consortium accounting platform efforts](#)
- Airborne Electromagnetic (AEM) Surveys Continue
 - [More information on the DWR AEM Webpage](#)



Tribal Outreach for AEM Surveys

- [Airborne Electromagnetic \(AEM\) website](#) (maps, videos, fact sheets, more)
- Presentations with an introduction to the AEM method (prior SGMA TAG meeting)
- Available for one-on-one meetings
- Survey participation invitation sent to Tribal leaders (or designated contacts) within planned survey counties
- Please contact DWR's AEM Survey Project Manager, Katherine Dlubac, at Katherine.Dlubac@water.ca.gov if you have questions





SGM Program Grant Funding Update

Sustainable Groundwater Management (SGM) Implementation – Planning and Projects:

- New ~\$300 million (M) over 3 years
- Fund Planning and Implementation including, but not limited to:
 - GSP update activities and filling data gaps
 - Outreach and engagement efforts
 - Project development, planning, and construction
- Final Guidelines and PSP Released December 17, 2021
- Round 1 Opened December 2021
 - ~\$152M for Award to COD Basins
 - ~\$7.6M available per eligible COD basin through a modified competitive process
- Round 2 Opens Late 2022/Early 2023
 - ~\$200M for Award to all High/Medium Priority Basins
 - Traditional Competitive Process
- *More information on the [SGM Grant funding](#) on our website*



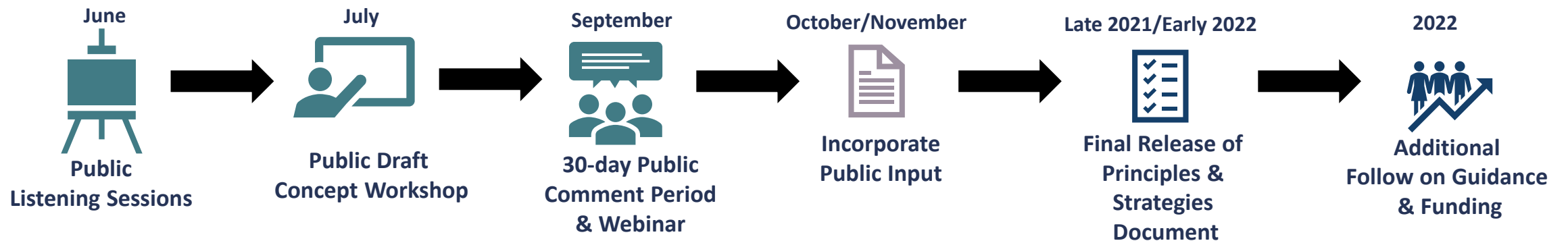


Drinking Water Well Principles & Strategies Update

April 21, 2021 Executive Drought Proclamation



Action 11. To ensure the potential impacts of drought on communities are anticipated and proactively addressed, the Department of Water Resources, in coordination with the Water Board, shall develop groundwater management principles and strategies to monitor, analyze, and minimize impacts to drinking water wells.



PRINCIPLES AND STRATEGIES

Provides a framework for continued State actions to proactively address and anticipate impacts to drinking water well users now and into the future.

Achieve	Drinking Water Resilience	 6 strategies
Integrate	Equity	 10 strategies
Address	Underlying Challenges	 8 strategies
Lead	With Best Available Data	 7 strategies
Build	Trusted Relationships	 6 strategies
Implement	Lasting Solutions	 9 strategies

FINAL STRATEGIES

Drinking Water Well Principles & Strategies are available in Spanish and English

- Coordination and Engagement
- Communication
- Data
- Guidance
- Implementation & Funding



More information can be found at:
<https://water.ca.gov/Programs/Groundwater-Management/Drinking-Water-Principles>

DROUGHT ACTION 11 - APRIL 21, 2021 EXECUTIVE PROCLAMATION: DRINKING WATER WELL PRINCIPLES & STRATEGIES	Strategies will monitor, analyze, and minimize impacts to drinking water wells			Implementation of Strategies			
	Monitor	Analyze	Minimize	Build Upon Existing Programs or Identify Emerging Efforts	Lead Agency	State Agency Partners	Resources
1. Achieve Drinking Water Resilience: Implement ongoing drought planning and responses and other groundwater management programs to effectuate necessary changes with the goal to achieve drought resilience for drinking water well users.							
1.1. Establish a standing interagency drought and water shortage task force, in partnership with interested parties, to facilitate proactive state planning and coordination, both for predrought planning and postdrought emergency response, including but not limited to needs of drinking water well users, as intended by SB 552.				2021 Drought Planning Legislation (SB 552) interagency Drought Task Force	DWR	SWRCB	
1.2. Coordinate available assistance, including from federal agencies and work with the Governor's Office of Emergency Services and the local Offices of Emergency Services within county jurisdictions, to provide drinking water well protections and relief through emergency funding, loans, grants, and other assistance programs.				Small Community Drought Relief Program	DWR	SWRCB	Small Community Drought Relief Program website
1.3. Engage with counties and water systems to complete drought assessment and water shortage contingency plans in alignment with the 2018 Water Conservation and Drought Planning legislation and the 2021 Drought Planning legislation, analyzing drought risks for drinking water well users, and encourage alignment with general plans, other local hazard mitigation plans (HMP) and Emergency Operations Plans, and ensure that water systems under 1,000 service connections are monitored and addressed as part of these planning efforts.				2021 Drought Planning Legislation (SB 552)	DWR	SWRCB	
1.4. Engage with local and regional agencies, tribes, and non-governmental organizations (NGOs) to spotlight best practices of drought management efforts that support drinking water well users.				Emerging efforts	DWR	SWRCB	
1.5. Ensure long-term groundwater sustainability planning and implementation, including project and actions supporting drinking water well users, can minimize the impact of future droughts, through the implementation of SGMA.				Sustainable Groundwater Management Act (SGMA) Implementation	DWR & SWRCB		SGMA website
1.6. Provide assistance, support, and oversight through state drinking water and water quality programs and continue considering, where feasible and appropriate, consolidation and water partnerships to develop technical, managerial, and financial capacity of water systems and communities.				Safe and Affordable Funding for Equity and Resilience (SAFE) Central Valley Sustainability Alternative Long-Term Sustainability (CV-SALTS) Trigged Lands Regulatory Program (TLRP)	SWRCB, Regional Boards		SAFE website CV-SALTS website TLRP website

Hosting Quarterly Tribal Meetings

- Opportunities for Tribal Hosted Meetings
 - May 5, 2022 – virtually hosted meeting
 - August 4, 2022 – open
 - October 6, 2022 – open

Facilitated By:

Anecita Agustinez, DWR Tribal Policy Advisor



Open Discussion

Facilitated By:

Art Bunce, General Counsel, San Luis Rey Indian Water Authority



Adjournment

- Next Quarterly Tribal Advisory Group Meeting
 - May 5, 2022 (1:00 – 3:00 p.m.) – virtually-hosted
 - [REGISTER HERE](#)
- For questions, please contact:
 - Anecita Agustinez, DWR Tribal Policy Advisor:
tribalpolicyadvisor@water.ca.gov
 - Erin Crandall, DWR SGMP Senior Engineer, registration assistance:
Erin.Crandall@water.ca.gov

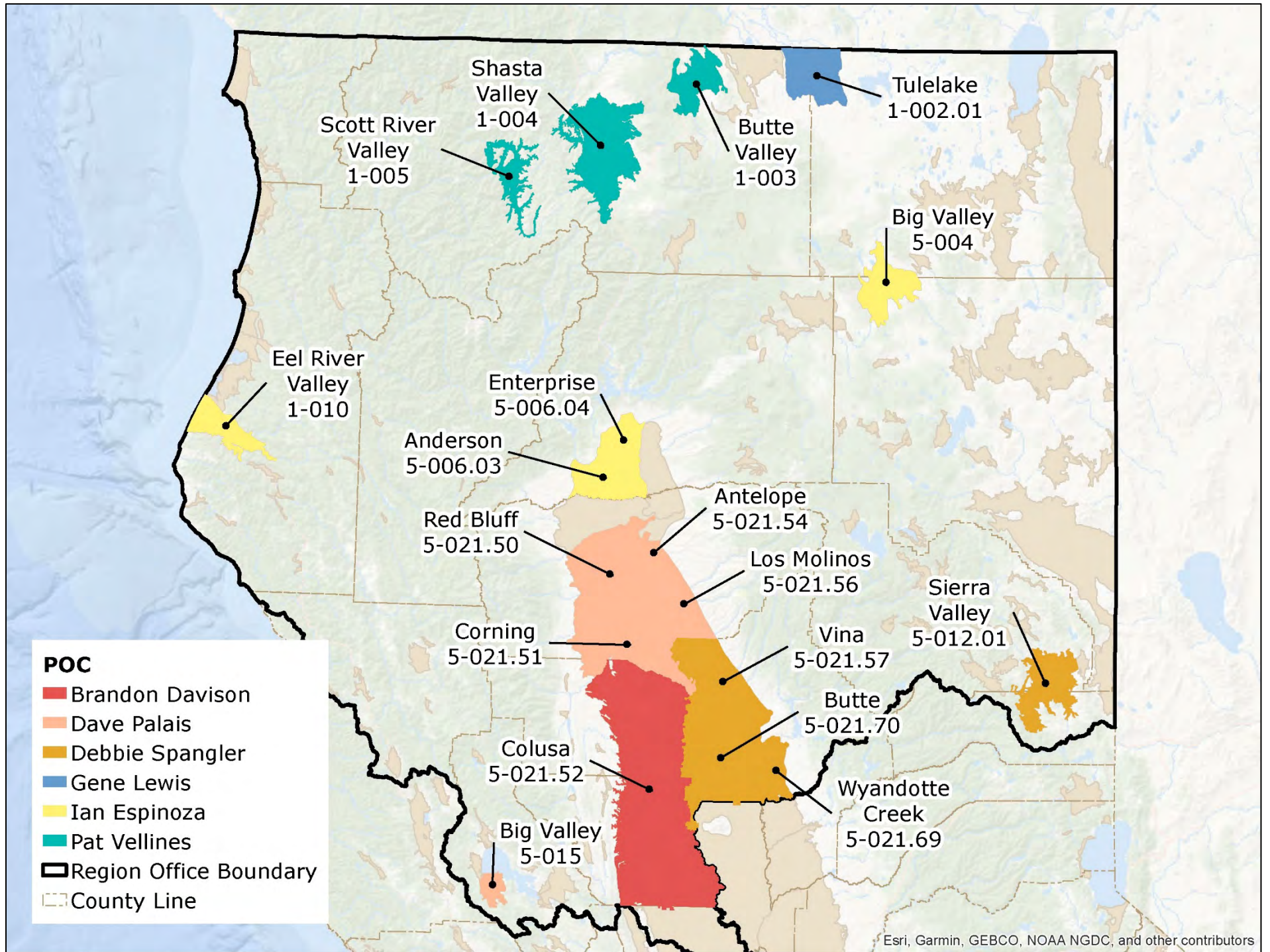
Facilitated By:

Anecita Agustinez, DWR Tribal Policy Advisor



Northern Region Office

SGMA Points of Contact – Subject to Change



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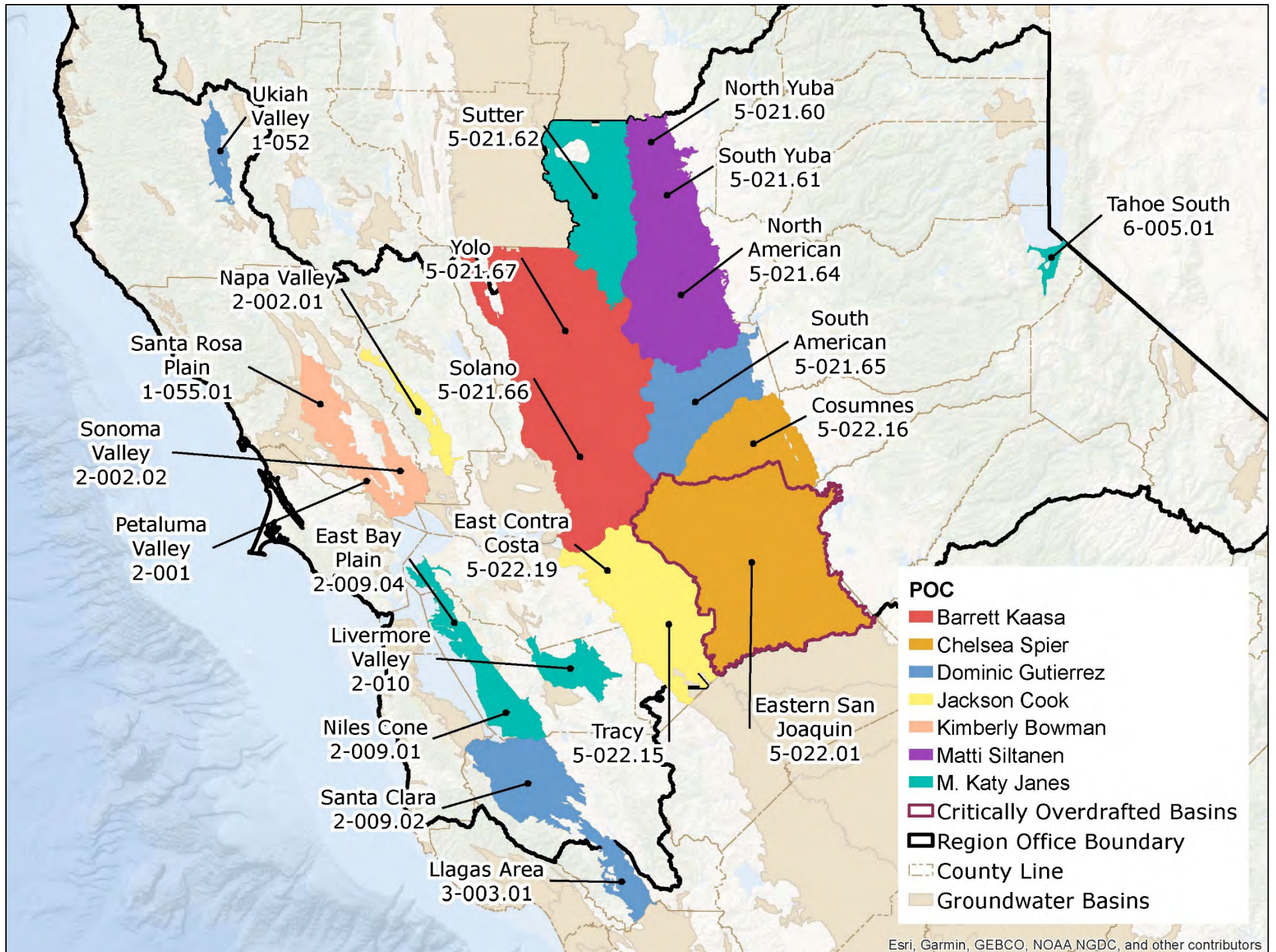


POC	Email	Phone	Basin(s)
Brandon Davison	Brandon.Davison@water.ca.gov	(530) 529-7379	Sacramento Valley – Colusa (5-021.52)
Dave Palais	David.Palais@water.ca.gov	(530) 528-7403	Big Valley (5-015), Sacramento Valley – [Antelope (5-021.54), Corning (5-021.51), Red Bluff (5-021.50), Los Molinos (5-021.56)]
Debbie Spangler	Debbie.Spangler@water.ca.gov	(530) 528-7404	Sierra Valley - Sierra Valley (5-012.01), Sacramento Valley – [Vina (5-021.57), Wyandotte Creek (5-021.69), Butte (5-021.70)]
Gene Lewis	Gene.Lewis@water.ca.gov	(530) 528-7424	Klamath River Valley - Tulelake (1-002.01)
Ian Espinoza	Ian.Espinoza@water.ca.gov	(530) 529-7330	Eel River Valley (1-010), Redding Area – [Anderson (5-006.03), Enterprise (5-006.04)], Big Valley (5-004)
Pat Vellines	Patricia.Vellines@water.ca.gov	(530) 529-7344	Butte Valley (1-003), Shasta Valley (1-004), Scott River Valley (1-005)



North Central Region Office

SGMA Points of Contact – Subject to Change



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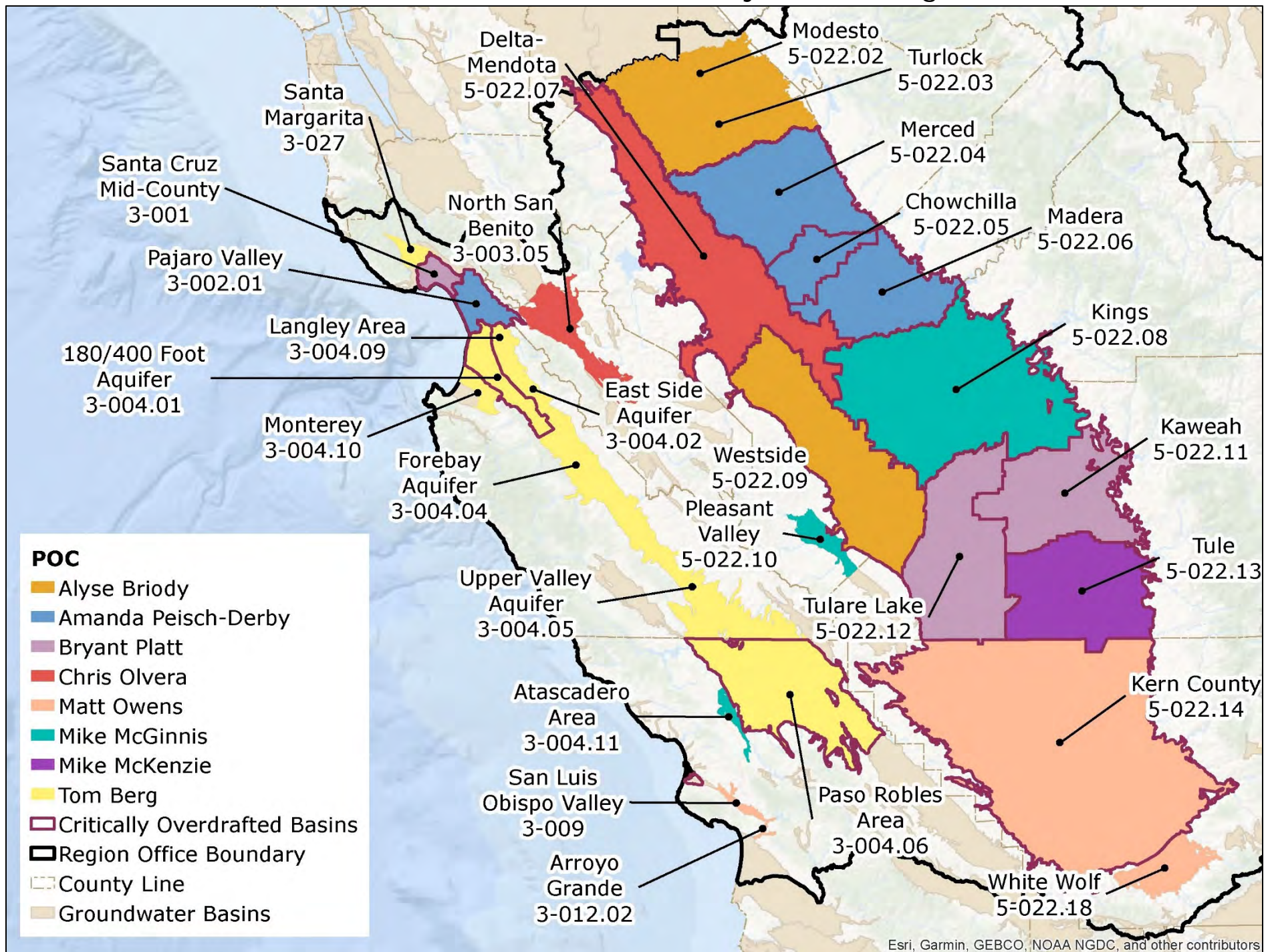


POC	Email	Phone	Basin(s)
Barrett Kaasa	Barrett.Kaasa@water.ca.gov	916-376-9618	Sacramento Valley – [Solano (5-021.66), Yolo (5-021.67)]
Chelsea Spier	Chelsea.Spier@water.ca.gov	916-376-9656	San Joaquin Valley – [Eastern San Joaquin (5-022.01), Cosumnes (5-022.16)]
Dominic Gutierrez	Dominic.Gutierrez@water.ca.gov	916-376-9626	Ukiah Valley (1-052), Santa Clara Valley - Santa Clara (2-009.02), Gilroy-Hollister Valley - Llagas Area (3-003.01), Sacramento Valley - South American (5-021.65)
Jackson Cook	Jackson.Cook@water.ca.gov	916-376-9623	Napa-Sonoma Valley - Napa Valley (2-002.01), San Joaquin Valley – [Tracy (5-022.15), East Contra Costa (5-022.19)]
Kimberly Bowman	Kimberly.Bowman@water.ca.gov	916-376-9622	Petaluma Valley (2-001), Napa-Sonoma Valley - Sonoma Valley (2-002.02), Santa Rosa Valley - Santa Rosa Plain (1-055.01)
M. Katy Janes	Margaret.Janes@water.ca.gov	916-376-9607	Livermore Valley (2-010), Santa Clara Valley – [East Bay Plain (2-009.04), Niles Cone (2-009.01)], Tahoe Valley - Tahoe South (6-005.01), Sacramento Valley - Sutter (5-021.62)
Matti Siltanen	Mattipohto.Siltanen@water.ca.gov	916-376-9631	Sacramento Valley - [North Yuba (5-021.60), South Yuba (5-021.61), North American (5-021.64)]



South Central Region Office

SGMA Points of Contact – Subject to Change



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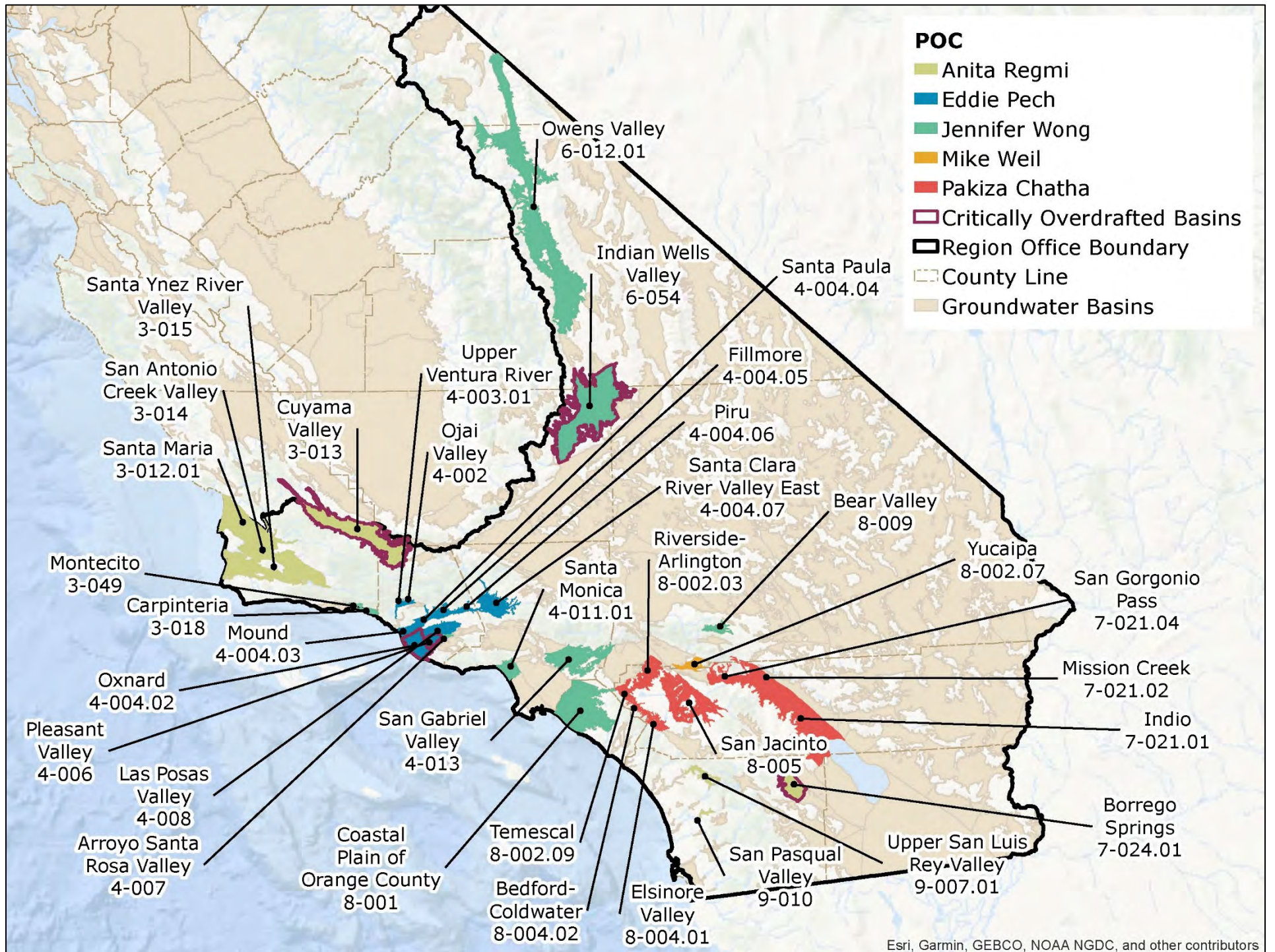


POC	Email	Phone	Basin(s)
Alyse Briody	Alyse.Briody@water.ca.gov	559-230-3312	San Joaquin Valley – [Modesto (5-022.02), Turlock (5-022.03), Westside (5-022.09)]
Amanda Peisch-Derby	Amanda.Peisch@water.ca.gov	559-230-3307	Corralitos - Pajaro Valley (3-002.01), San Joaquin Valley – [Merced (5-022.04), Chowchilla (5-022.05), Madera (5-022.06)]
Bryant Platt	Bryant.Platt@water.ca.gov	559-230-3317	Santa Cruz Mid-County (3-001), San Joaquin Valley – [Kaweah (5-022.11), Tulare Lake (5-022.12)]
Chris Olvera	Christopher.Olvera@water.ca.gov	559-230-3373	Gilroy-Hollister Valley - North San Benito (3-003.05), San Joaquin Valley - Delta-Mendota (5-022.07)
Matt Owens	Matthew.Owens@water.ca.gov	559-230-3335	San Luis Obispo Valley (3-009), Santa Maria River Valley – Arroyo Grande (3-012.02), San Joaquin Valley – [Kern County (5-022.14), White Wolf (5-022.18)]
Mike McGinnis	Michael.McGinnis@water.ca.gov	559-230-3302	Salinas Valley - Atascadero Area (3-004.11), San Joaquin Valley – [Kings (5-022.08), Pleasant Valley (5-022.10)]
Mike McKenzie	Charles.McKenzie@water.ca.gov	559-230-3308	San Joaquin Valley – Tule (5-022.13)
Tom Berg	Thomas.Berg@water.ca.gov	559-230-3359	Salinas Valley – [180/400 Foot Aquifer (3-004.01), East Side Aquifer (3-004.02), Forebay Aquifer (3-004.04), Upper Valley Aquifer (3-004.05), Paso Robles Area (3-004.06), Langley Area (3-004.09), Monterey (3-004.10)], Santa Margarita (3-027)

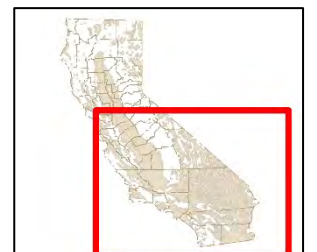


Southern Region Office

SGMA Points of Contact – Subject to Change



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POC	Email	Phone	Basin(s)
Anita Regmi	Anita.Regmi@water.ca.gov	818-549-2340	Santa Maria River Valley - Santa Maria (3-012.01), Cuyama Valley (3-013), San Antonio Creek Valley (3-014), Santa Ynez River Valley (3-015), Borrego Valley - Borrego Springs (7-024.01), San Luis Rey Valley - Upper San Luis Rey Valley (9-007.01), San Pasqual Valley (9-010)
Eddie Pech	Eduardo.Pech@water.ca.gov	818-549-2324	Ojai Valley (4-002), Ventura River Valley - Upper Ventura River (4-003.01), Santa Clara River Valley – [Oxnard (4-004.02), Mound (4-004.03), Santa Paula (4-004.04), Fillmore (4-004.05), Piru (4-004.06), Santa Clara River Valley East (4-004.07)], Pleasant Valley (4-006), Las Posas Valley (4-008)
Jennifer Wong	Jennifer.Wong@water.ca.gov	818-549-2343	Carpinteria (3-018), Montecito (3-049), Arroyo Santa Rosa Valley (4-007), Coastal Plain of Los Angeles - Santa Monica (4-011.01), San Gabriel Valley (4-0013), Owens Valley - Owens Valley (6-012.01), Indian Wells Valley (6-054), Coastal Plain of Orange County (8-001), Bear Valley (8-009)
Mike Weil	Michael.Weil@water.ca.gov	818-549-2328	Upper Santa Ana Valley - Yucaipa (8-002.07)
Pakiza Chatha	Pakiza.Chatha@water.ca.gov	818-549-2318	Coachella Valley – [Indio (7-021.01), Mission Creek (7-021.02), San Gorgonio Pass (7-021.04)], Upper Santa Ana Valley – [Riverside-Arlington (8-002.03), Temescal (8-002.09), Elsinore – [Elsinore Valley (8-004.01), Bedford-Coldwater (8-004.02)], San Jacinto (8-005)

