

Sustainable Groundwater Management Act (SGMA) Implementation
Vina Subbasin
Governance Working Group Meeting



California State University Sacramento
Tania Carlone, Senior Facilitator
February 22, 2018

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Agenda Overview

- SGMA Updates and Announcements
- Governance Subcommittee Report
- SGMA Guiding Principles Discussion
- SGMA Governance Options Discussion
- Stakeholder Communications & Engagement Implementation Discussion
- Next Steps

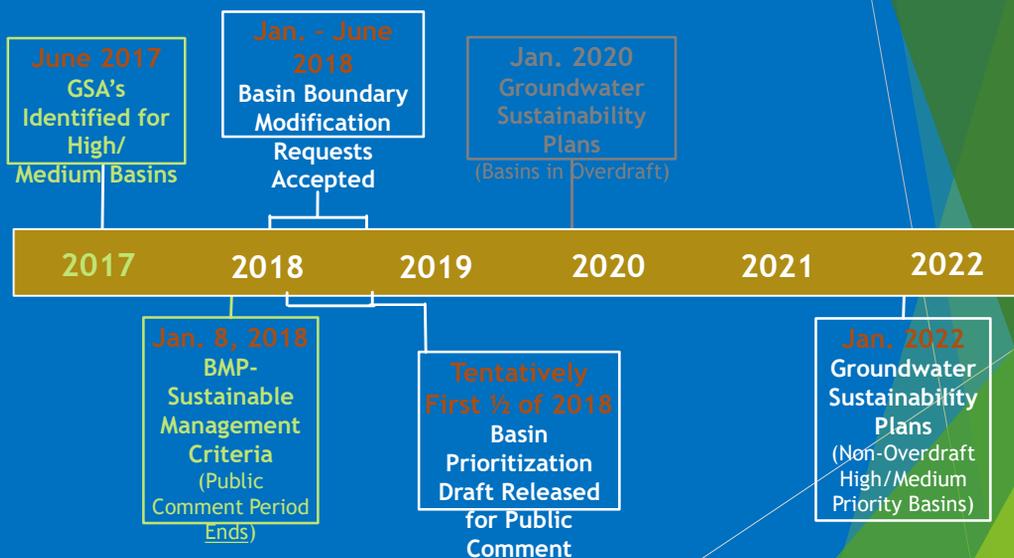
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Facilitation Support Services

- Purpose of Phase II DWR Facilitation Support Services (FSS) Program
 - Basin-specific establishment of governance structure for Groundwater Sustainability Plan (GSP) development and implementation
 - Communications and Engagement Plan and Implementation
- Facilitation Team
 - Dave Ceppos, Associate Director (East and West Butte)
 - Tania Carlone, Senior Facilitator (Vina and Wyandotte Creek)
 - Malka Kopell, Senior Facilitator (Countywide support and Community Engagement Specialist)

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Sustainable Groundwater Management (SGM) Timeline



GSA Updates

- ▶ Butte County
- ▶ Tehama County
- ▶ Rock Creek Reclamation District
- ▶ City of Chico
- ▶ Questions & Answers for Clarification

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Vina Governance Subcommittee Report

- ▶ Second meeting held on February 8, 2018 (meets monthly between Working Group meetings)
- ▶ Purpose of Subcommittee (GSA Managers): To develop governance proposals which all GSA parties consider workable for GSP development and implementation in the Vina Subbasin. The draft proposals developed by Subcommittee will be presented to the Working Group for input and feedback. GSA governing bodies will make final decisions about governance.

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Vina Governance Subcommittee Report

▶ Key Discussion Themes:

- ▶ GSA managers confirmed interest in developing two governance options: (1) retain single GSA statuses and coordinate on development of one GSP; (2) create a multi-agency GSA that would establish a Joint Powers Agency
- ▶ Butte County reaffirmed commitment to include groundwater pumpers in SGMA governance board structure
- ▶ All affirmed a commitment to establishing an equitable representation of all GSAs
- ▶ Discussed the possible use of Management Areas

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Vina Governance Subcommittee Report

▶ Key Discussion Themes (continued):

- ▶ Some discussion that Joint Powers Authority may offer an advantage, particularly related to fee assessment because it could help avoid overlapping and inconsistent fee assessments on groundwater users that could occur if the basin were governed by multiple GSAs.
- ▶ Formerly discussed the inclusion of different options to involve stakeholders, acknowledging that particularly given the Vina subbasin's reliance on groundwater that all are affected by the SGMA.
- ▶ Agreed that guiding principles may offer a good starting point for the agreements

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Guiding Principles

- ▶ Intend to work together in mutual cooperation to develop and implement a GSP for the Vina subbasin in compliance with SGMA.
- ▶ All affirmed a commitment to establishing an equitable representation of all GSAs.
- ▶ GSAs are responsible for the sustainability of the basin, all GSAs will not be responsible to bear that costs to remedy the problems of individual jurisdictions.
- ▶ No other agency will have the authority to limit or interfere with the respective rights and authorities of any other agency's internal matters, including, but not limited to, rights to surface water supplies and assets, groundwater supplies and assets, facilities, operations, water management and water supply matters.

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Guiding Principles

- ▶ As is consistent with Water Code section 10720.5(b), SGMA does not determine or alter surface water rights or groundwater rights under common law or any provision of law that determines or grants surface water rights.
- ▶ All groundwater users in the Vina subbasin have an equal stake for sustainability in the basin.
- ▶ The intent of governance in the Vina subbasin is to seek a cost effective, practicable approach to SGMA implementation that takes advantage of economies of scale.

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Guiding Principles Discussion

What are other principles you would like to see reflected in SGMA governance in Vina?

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Governance Diagram

Vina Subbasin (Butte County, CA)

Groundwater Sustainability Agencies (GSA)
Vina Subbasin

There are currently 4 GSAs in the Vina Subbasin.



Groundwater Pumper Advisory Committee (GPAC)

Comprised of two agricultural representatives per basin and one environmental representative for the entire county. The GPAC represents groundwater beneficial users in the County Represented Areas. This group advises the County only. Members of the GPAC are appointed by the Butte County Board of Supervisors.

All GSAs have formally committed through letters of support to work toward the development of one GSP for the Vina subbasin. Currently, there are no formal agreements specifying the governance for GSP development and implementation.

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SGMA Governance: Understanding Tradeoffs of Different Models

- ▶ #1 Distributed GSA
 - ▶ Each GSA assumes all responsibilities for their service areas (develop own GSP, implement, monitor, conduct investigations, outreach, individual fee assessment, etc.)
 - ▶ Coordination Agreements required

Considerations:

- ▶ Allows for more localized control (agencies not only retain existing authorities but assume all new authorities as granted in Chapter 5 of SGMA)
- ▶ More costly and may lead to duplicative efforts and inconsistent regulatory framework
- ▶ Requires significant coordination to ensure basin-wide sustainability
- ▶ Does not provide a clear mechanism for non-public agency beneficial users to hold decision-making roles

SGMA Governance: Understanding Tradeoffs of Different Models

- ▶ #2 Centralized GSA
 - ▶ Covers entire basin
 - ▶ Assumes all authorities and responsibilities
 - ▶ New or existing agency

Considerations:

- ▶ Efficient and more cost effective for management and oversight of GSP
- ▶ Data management and modeling more streamlined
- ▶ Consistent regulatory framework across the basin
- ▶ Concern about delegating authority to one entity *if* it results in a local agency having less control in its service area
- ▶ With the formation of a new agency where two or more eligible agencies exercise the Joint Powers Act provides a clear mechanism for non-public agency beneficial users to participate in decision-making

SGMA Governance: Tradeoffs

- ▶ #3 Combination of Centralized and Distributed
 - ▶ Centralized GSA assumes some shared responsibilities
 - ▶ Multiple GSAs assume remaining responsibilities

Considerations:

- ▶ Offers flexibility for distributing authorities and responsibilities
- ▶ Depending on how configured could require more coordination (encompassing tradeoffs from Distributed model)
- ▶ Requires more responsibility and cost for individual GSAs
- ▶ Mechanism(s) for non-public agency beneficial users participation unclear (could occur on Centralized GSA or at the individual GSA level but requires further investigation)

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SGMA Governance: Understanding Tradeoffs of Different Governance Models

Open Discussion

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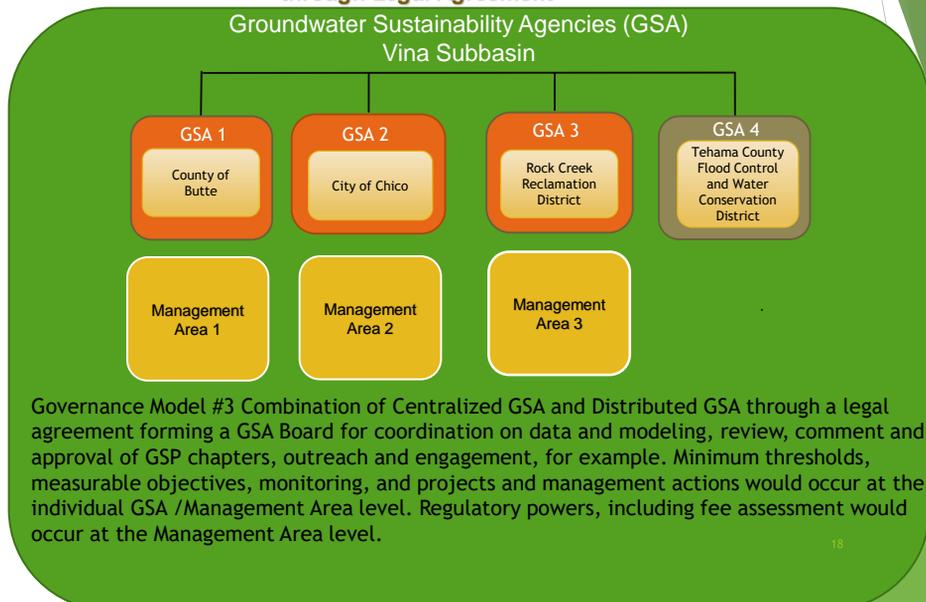
Management Areas: Brief Overview

Could be applied to governance model #2 or #3:

- ▶ Area within a basin for which a GSP may identify:
 - ▶ Different minimum thresholds
 - ▶ Measurable objectives
 - ▶ Monitoring
 - ▶ Projects and management actions
- ▶ GSP must describe each Management Area, including rationale for approach
- ▶ Demonstrate it can be managed without causing undesirable results outside the Area.

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GSA Member Agencies Governance Option #3 (Combination Centralized and Distributed Model)- Option Multiple GSAs retain individual GSA status and develop one GSP through Legal Agreement

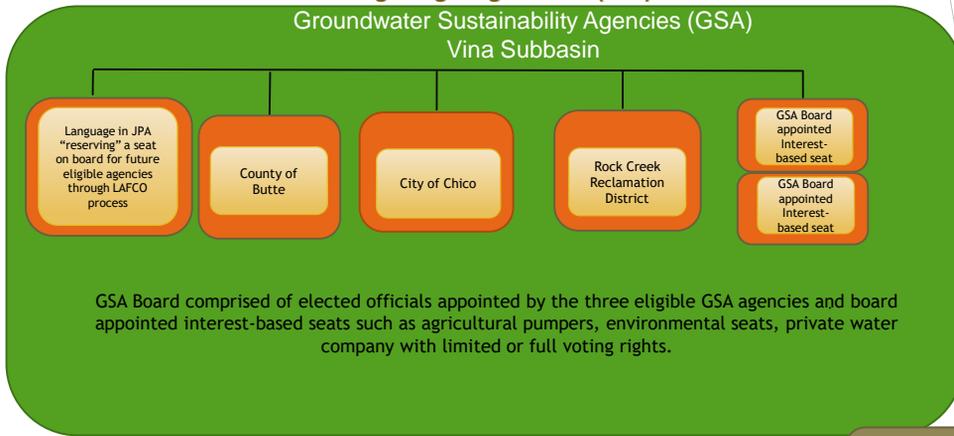


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GSA Board Structure: Eligible Local Agencies retain independent GSA status; form a centralized GSA board for limited oversight related to shared responsibilities as stipulated in agreement. Non-GSA stakeholders could participate on the GSA board and make decisions only pertaining to the limited powers granted to that entity or in a role granted at the individual GSA level.

GSA Member Agencies Governance Option #2- (Centralized GSA Model- New Agency)

Single Multi-Agency GSA with interest-based seats develops one GSP through Legal Agreement (JPA)



GSA Board Structure: Butte County Eligible Agencies form a single, multi-agency GSA and include placeholder language in legal agreement for future eligible agencies to participate; and include one or more appointed stakeholder seats with limited or full voting rights.

Tehama County Flood Control and Water Conservation District

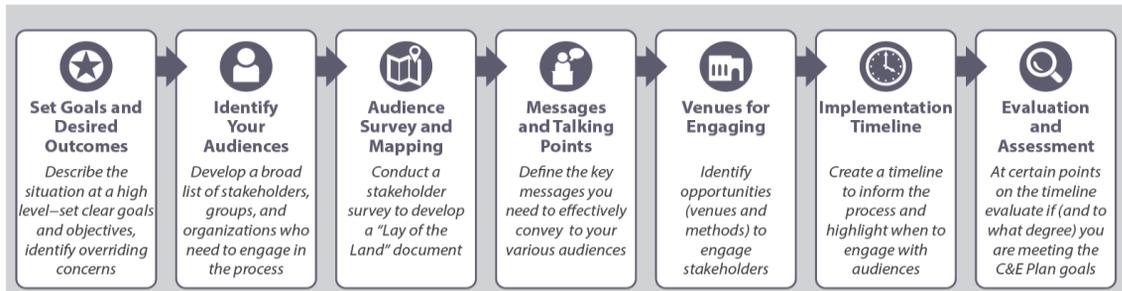
Option #1: Basin boundary modification or Option #2: Management Area with Coordination Agreement

GSA Member Agencies Governance Concepts- Multi-Agency GSA with eligible current and future eligible local agencies develops one GSP through Joint Powers Authority



Communication & Engagement Plan Steps

Developing a C&E Plan consists of seven general steps. These steps are illustrated in Figure 2 and explained in further detail below.



■DWR Guidance Document for C&E Plan

http://www.water.ca.gov/groundwater/sgm/pdfs/GD_C&E_Final_2017-06-29.pdf

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SGMA Communications & Engagement (C&E) - Beneficial Uses / Users

- All Groundwater Users
- Holders of Overlying Rights (agriculture and domestic)
- Municipal Well Operators and Public Water Systems
- Tribes
- County
- Planning Departments / Land Use
- Local Landowners
- Disadvantaged Communities
- Business
- Federal Government
- Environmental Uses
- Surface Water Users (if connection between surface and ground water)

Communications & Engagement Discussion

- ▶ How can this process effectively engage and be inclusive of the relevant beneficial users in this subbasin? Who are the key audiences?
- ▶ What information do these groups need?
- ▶ How best to communicate with these groups?
- ▶ What are your recommendations for how to conduct outreach and communications for the public workshop that will take place later this spring?
- ▶ From your perspective, what should be the goals and outcomes of the public workshop (agenda)?

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Next Steps

- Overview of Governance Process Timeline (through June 2018)
 - Governance Work Group Meetings (the last Thursday of every month)
 - Joint GSA Managers Meetings (Governance Subcommittee) (the second Thursday of every month)
 - Vina Subbasin Public Meeting (April 26, 2018 from 6-8 pm instead of Working Group from 3-5)
 - Possible Legal Review Subcommittee (Late Spring 2018)
 - Communications and Engagement Plan Draft (February meetings)

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THANK YOU

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 - tcarlone@ccp.csus.edu

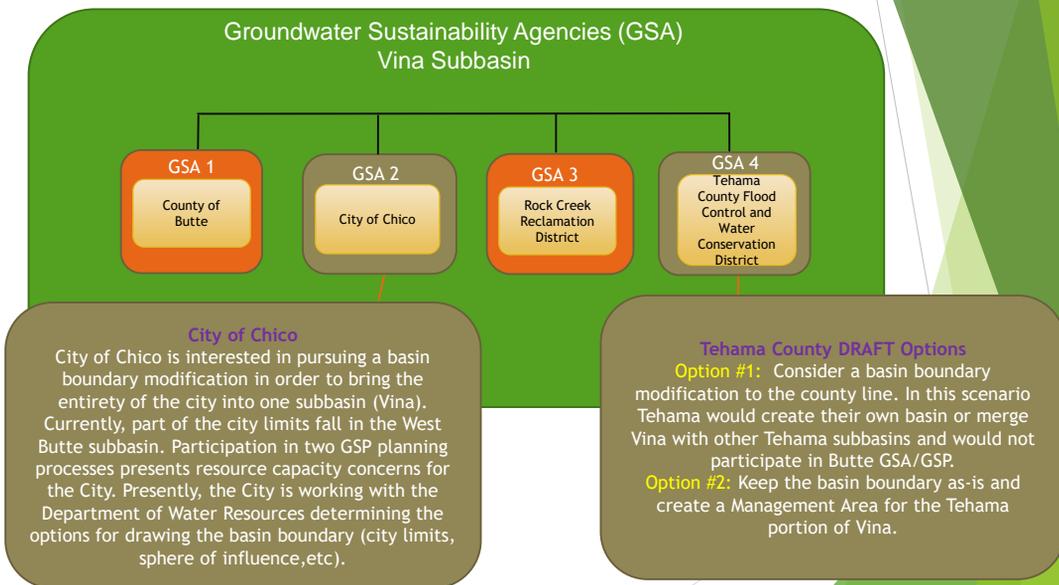
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Back-up Slides

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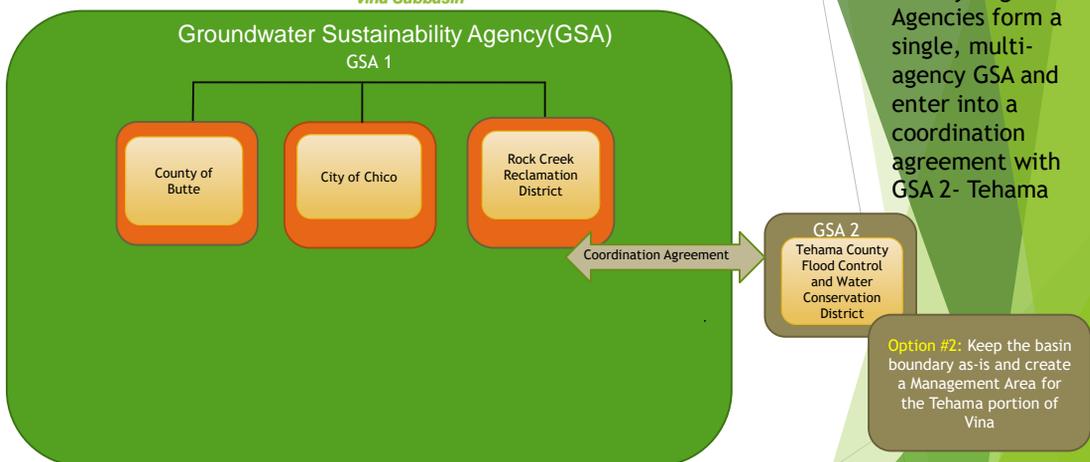
Governance Concepts- Basin Boundary Modification Considerations

Vina Subbasin



GSA Member Agencies Governance Concepts- Single Multi-Agency GSA develops one GSP through Legal Agreement (JPA)

Vina Subbasin



GSA Member Agencies Governance Concepts-
Single Multi-Agency GSA of existing eligible local agencies develops
one GSP through Legal Agreement (JPA)
Vina Subbasin

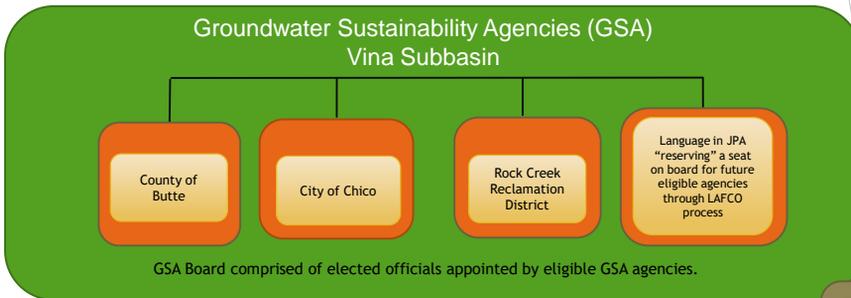


Tehama County Flood Control and Water Conservation District

GSA Board Structure: Butte County Eligible Agencies form a single, multi-agency GSA. A coordination agreement not required if Tehama modifies the boundary.

Option #1: Basin boundary modification to the county line. No coordination agreement required. In a separate basin

GSA Member Agencies Governance Concepts-
Single Multi-Agency GSA with eligible current and future eligible local
agencies develops one GSP through Legal Agreement (JPA)
Vina Subbasin



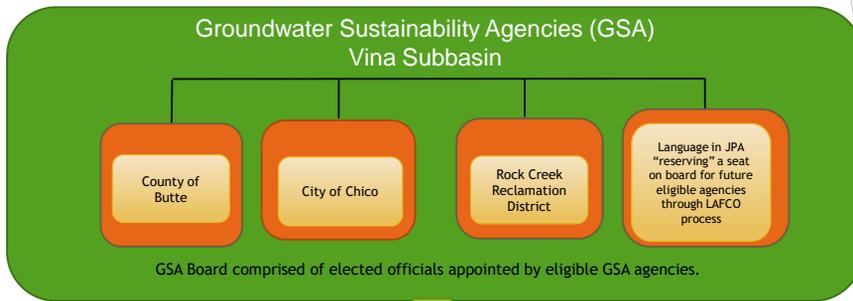
Tehama County Flood Control and Water Conservation District

GSA Board Structure: Butte County Eligible Agencies form a single, multi-agency GSA and include placeholder language in legal agreement for future eligible agencies to participate.

Option #1: Basin boundary modification or **Option #2:** Management Area with Coordination Agreement

GSA Member Agencies Governance Concepts- Single Multi-Agency GSA with eligible current and future eligible local agencies develops one GSP through Legal Agreement (JPA)

Vina Subbasin



GSA Board comprised of elected officials appointed by eligible GSA agencies.

Management Committee

Comprised of one staff representative from each of the member agencies. The Management Committee takes direction from the GSA Board; may recommend agenda topics, make staff recommendations, generate staff reports and proposals to GSA Board.

Participating Agencies Roles and Equitable Distribution of Responsibilities

To save costs and create more streamlined approach establish roles reflecting the existing capacities of participating agencies. For example, Butte County could serve as the technical lead and GSP Plan management since Butte County has in-house technical and scientific capacities and was the lead on the GSP grant application to DWR. Other agencies could provide in-kind contributions to ensure an equitable distribution of responsibilities (For example, an agency could be in the lead on stakeholder communications and outreach, website management, meeting logistics, agenda development, notetaking, etc.)

GSA Management Structure Options

Tehama County Flood Control and Water Conservation District

Option #1: Basin boundary modification or Option #2: Management Area with Coordination Agreement

Levels of Engagement- Back- up slide for purposes of discussion

IAP2 Spectrum of Public Participation



Increasing Level of Public Impact

| | Inform | Consult | Involve | Collaborate | Empower |
|---------------------------|--|--|---|---|---|
| Public participation goal | To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions. | To obtain public feedback on analysis, alternatives and/or decisions. | To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered. | To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution. | To place final decision-making in the hands of the public. |
| Promise to the public | We will keep you informed. | We will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision. | We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision. | We will look to you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible. | We will implement what you decide. |
| Example techniques | <ul style="list-style-type: none"> Fact sheets Web sites Open houses | <ul style="list-style-type: none"> Public comment Focus groups Surveys Public meetings | <ul style="list-style-type: none"> Workshops Deliberative polling | <ul style="list-style-type: none"> Citizen advisory committees Consensus-building Participatory decision-making | <ul style="list-style-type: none"> Citizen juries Ballots Delegated decision |



February 6, 2018

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DWR to Invest Millions in Groundwater Sustainability for Disadvantaged Communities and Local Agencies

Sacramento – The Department of Water Resources (DWR) today announced \$85.8 million in grants for groundwater sustainability projects that directly benefit severely disadvantaged communities, and for local agency development of Groundwater Sustainability Plans (GSPs). These funds support the goals of the [Sustainable Groundwater Management Act](#) (SGMA), requiring local agencies to sustainably manage the state’s groundwater basins.

“Groundwater is an important water supply, particularly during times of drought when as much as 60 percent of the state’s water needs may be supplied by groundwater,” said DWR Director Karla Nemeth. “Many basins have suffered from over-drafting for decades and it will take decades to bring them back into balance. It’s critical that communities have plans to replenish their groundwater when conditions are wet and ensure supplies stay clean.”

DWR received 78 grant applications and is recommending that all receive awards, pending public comments and review of those comments. The grants are funded by Proposition 1 passed in 2014 and awarded on a competitive basis in two funding categories: 1) Projects that serve severely disadvantaged communities; and 2) Development of Groundwater Sustainability Plans (GSPs).

Of the \$85.8 million awarded:

- \$16.2 million is for severely disadvantaged communities to support groundwater sustainability planning and management.
- \$69.6 million is for local agency GSP development
- \$3.4 million is tentatively awarded to three basins. These awards will be held pending a further review of their eligibility.

The full list of grant applications that were submitted is available on the [Sustainable Groundwater Planning Grant Program webpage](#).

Today's announcement begins a 15-day public comment period. The public may submit comments via email to SGWP@water.ca.gov or by U.S. Postal Service to:

Financial Assistance Branch
Division of Integrated Regional Water Management
Department of Water Resources
901 P Street
P.O. Box 942836
Sacramento, CA 94236-0001

Public comments will be considered before finalizing the awards in late February.

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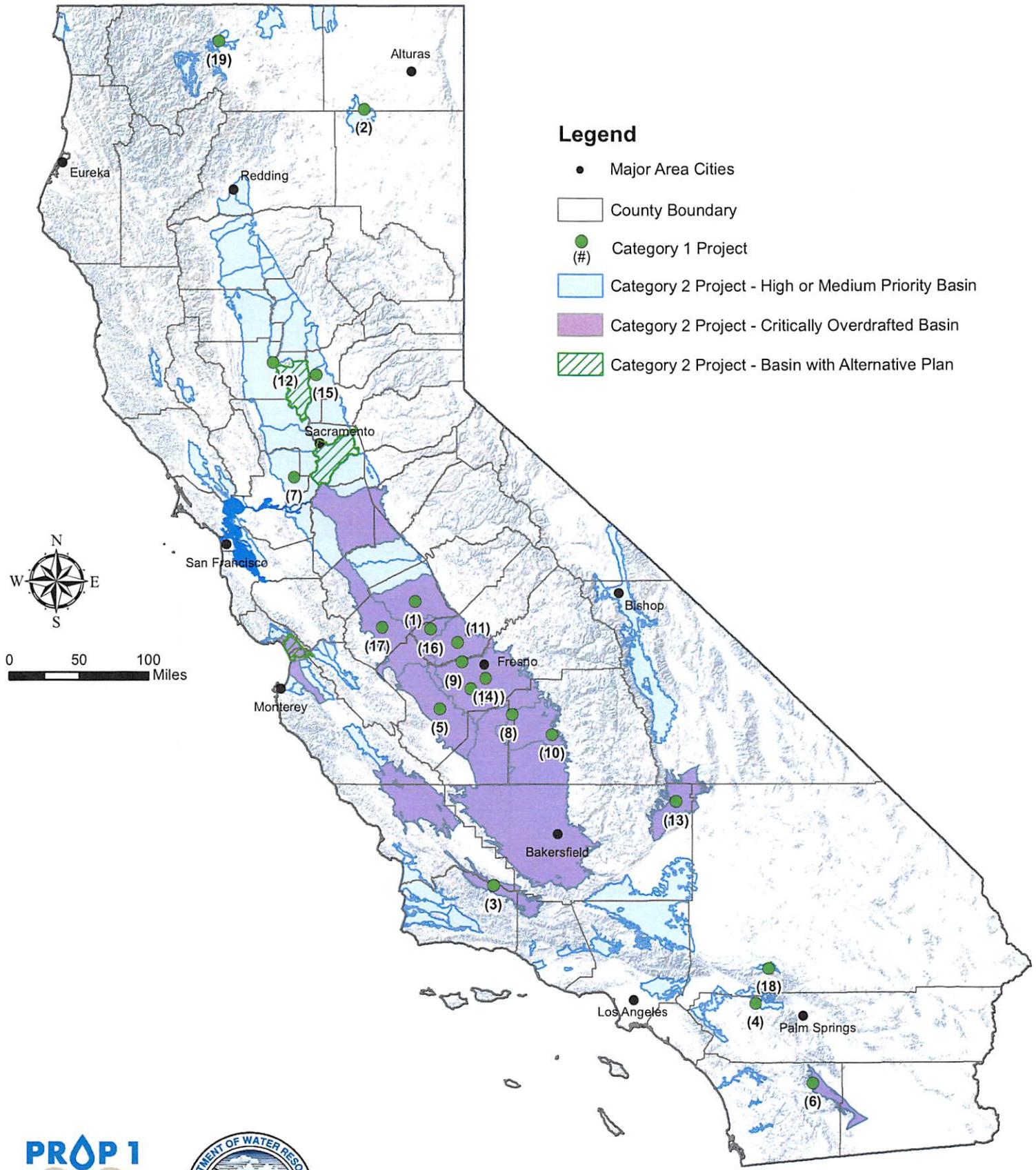
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Draft Funding Recommendations
2017 Groundwater Sustainability Plans and Projects Solicitation
 February 2018

| Note | City/Agency ID | Applicant Name | Application Title | Application Score (Cat 1/Cat2) | Category 1 | | Category 2 | | Total Recommended Funding | Total Cost of Proposal |
|------|----------------|---|--|--------------------------------|---------------|---------------------|---------------|---------------------|---------------------------|------------------------|
| | | | | | Grant Request | Recommended Funding | Grant Request | Recommended Funding | | |
| | | Arroyo Santa Rosa Basin Groundwater Sustainability Agency | Arroyo Santa Rosa Basin Groundwater Sustainability Plan | - / 15 | \$ - | \$ - | \$ 177,081 | \$ 177,081 | \$ 177,081 | \$ 354,162 |
| B | 20 | Asian Business Institute Resource Center | Southeast Asian Groundwater and Sustainability Advocacy and Outreach Program | 3 / - | \$ 1,000,000 | \$ 400,000 | \$ - | \$ - | \$ 400,000 | \$ 1,000,000 |
| | | Atascadero Mutual Water Co. | 2017 Atascadero Basin Sustainable Groundwater Proposal | - / 19 | \$ - | \$ - | \$ 809,250 | \$ 809,250 | \$ 809,250 | \$ 1,660,008 |
| | | Bear Valley Basin Groundwater Sustainability Agency | Bear Valley Basin Groundwater Sustainability Plan | - / 16 | \$ - | \$ - | \$ 177,000 | \$ 177,000 | \$ 177,000 | \$ 177,000 |
| | | Bedford-Coldwater Sub-basin Groundwater Sustainability Agency | Bedford-Coldwater Sub-basin Groundwater Sustainability Plan Proposal | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,040,000 |
| 18 | | Big Bear Lake Department of Water and Power | Basin Resiliency Sawmill Well Pumping Plant Project | 7 / - | \$ 782,298 | \$ 782,298 | \$ - | \$ - | \$ 782,298 | \$ 782,298 |
| 9 | | Biola Community Services District | Biola Groundwater Recharge Project | 11 / - | \$ 705,000 | \$ 705,000 | \$ - | \$ - | \$ 705,000 | \$ 705,000 |
| | | Butte County Department of Water and Resource Conservation | Groundwater Sustainability Plan Development for the Vina, East Butte, West Butte and Wyandotte Creek Subbasins | - / 19 | \$ - | \$ - | \$ 1,498,800 | \$ 1,498,800 | \$ 1,498,800 | \$ 1,989,683 |
| | | Cascadia Lake Water Agency | Santa Clarita Valley Groundwater Sustainability Agency 2017 Sustainable Groundwater Planning Grant Program Category 2 Proposal | - / 18 | \$ - | \$ - | \$ 416,106 | \$ 416,106 | \$ 416,106 | \$ 858,075 |
| | | City of Brentwood | Tracy Subbasin Groundwater Sustainability Plan Development Prop 1 Proposal | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,598,530 |
| | | City of Corona | Sustainable Groundwater Planning Grant For the City of Corona Temescal Subbasin | - / 18 | \$ - | \$ - | \$ 732,338 | \$ 732,338 | \$ 732,338 | \$ 983,977 |
| | | City of Modesto | Sustainable Groundwater Planning Grant for the Modesto Groundwater Subbasin | - / 18 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,668,090 |
| C | | City of Paso Robles | Paso Robles Basin Groundwater Sustainability Plan Development | - / 16 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 3,068,242 |
| | | City of Redding | Elinore Valley Groundwater Sustainability Agency Groundwater Sustainability Planning Grant Proposal | - / 16 | \$ - | \$ - | \$ 983,230 | \$ 983,230 | \$ 983,230 | \$ 1,161,590 |
| | | City of San Diego - Public Utilities Department | Groundwater Sustainability Plan for the San Pasqual Valley Groundwater Basin | - / 18 | \$ - | \$ - | \$ 989,550 | \$ 989,550 | \$ 989,550 | \$ 1,979,100 |
| | | Colusa Groundwater Authority | Colusa Subbasin Groundwater Sustainability Plan Development | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,497,400 |
| 10 | | Community Water Center | Facilitate Participation of Severely Disadvantaged Community Stakeholders in the Tulare Lake Basin And Develop A Drinking Water Vulnerability Tool | 11 / - | \$ 614,353 | \$ 614,353 | \$ - | \$ - | \$ 614,353 | \$ 614,353 |
| | | County of Glenn | Groundwater Sustainability Plan Development in the Corning Subbasin | - / 17 | \$ - | \$ - | \$ 999,980 | \$ 999,980 | \$ 999,980 | \$ 999,980 |
| C | 6 | County of San Diego | San Diego County GSP Development | 12 / 18 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,000,000 | \$ 2,000,000 | \$ 3,000,000 | \$ 4,884,260 |
| | | County of San Luis Obispo | 2017 County of San Luis Obispo Sustainable Groundwater Proposal | - / 18 | \$ - | \$ - | \$ 1,397,125 | \$ 1,397,125 | \$ 1,397,125 | \$ 2,549,375 |
| C | 3 | Cuyama Basin Groundwater Sustainability Agency | Cuyama Basin Groundwater Sustainability | 13 / 18 | \$ 648,124 | \$ 648,124 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,148,124 | \$ 2,148,124 |
| | | Del Norte County | Smith River Plain Groundwater Basin GSP | - / 19 | \$ - | \$ - | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 |
| | | East Bay Municipal Utility District | East Bay Plain Subbasin Groundwater Sustainability Plan Development | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,018,000 |
| C | | Eastern San Joaquin Groundwater Authority | Eastern San Joaquin Subbasin Groundwater Sustainability Plan Grant | - / 19 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,176,420 |
| | | Elinore Valley Municipal Water District | Elinore Valley Groundwater Sustainability Agency Groundwater Sustainability Planning Grant Proposal | - / 17 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,524,199 |
| | | Fillmore Piru GSA | Fillmore and Piru Basins Groundwater Sustainability Plans | - / 16 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,045,430 |
| 7 | | Freshwater Trust | Engaging Severely Disadvantaged Communities in the Development of the Solano Subbasin Groundwater Sustainability Plan | 12 / - | \$ 490,000 | \$ 490,000 | \$ - | \$ - | \$ 490,000 | \$ 490,000 |
| C | 13 | Indian Wells Valley Groundwater Authority | Indian Wells Valley Groundwater Basin - Groundwater Sustainability Plan Development and SDAC Groundwater Conservation Pilot Project | 10 / 18 | \$ 646,000 | \$ 646,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,146,000 | \$ 3,748,600 |
| | | Inyo Water Department, County of | Groundwater Sustainability Planning for the Owens Valley Groundwater Basin | - / 19 | \$ - | \$ - | \$ 713,155 | \$ 713,155 | \$ 713,155 | \$ 865,915 |
| C | | Kern River Groundwater Sustainability Agency | Kern County Subbasin Groundwater Sustainability Plan Support - 2017 Grant Application | - / 15 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 3,072,604 |
| | | Lassen County | Big Valley Groundwater Sustainability Plan | - / 18 | \$ - | \$ - | \$ 999,185 | \$ 999,185 | \$ 999,185 | \$ 1,045,541 |
| 14 | | Leadership Counsel for Justice and Accountability | Partnering for Equitable Groundwater | 10 / - | \$ 758,000 | \$ 758,000 | \$ - | \$ - | \$ 758,000 | \$ 758,000 |
| 15 | | Linda County Water District | Linda County Water District-Well 17 Project Funding Application- Groundwater Sustainability Planning Grant Program Proposal | 10 / - | \$ 999,500 | \$ 999,500 | \$ - | \$ - | \$ 999,500 | \$ 12,272,000 |
| | | Los Angeles County Waterworks District No. 37, Acton | Fringe Area Antelope Valley Groundwater Sustainability Plan | - / 4 | \$ - | \$ - | \$ 300,000 | \$ 300,000 | \$ 300,000 | \$ 600,000 |
| C | | Lower Tule River Irrigation District Groundwater Sustainable Agency | Lower Tule River Irrigation District GSA, SGWP Planning Grant | - / 16 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 |
| C | 16 | Madera County Water and Natural Resources | Groundwater Monitoring Well Installation and GSP Development for The Chowchilla Subbasin | 10 / 18 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,500,000 | \$ 2,500,000 |
| C | 11 | Madera County Water and Natural Resources | Groundwater Monitoring Well Installation and GSP Development for the Madera Subbasin | 11 / 14 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,500,000 | \$ 2,500,000 |
| | | Marina Coast Water District | Monterey Subbasin Groundwater Sustainability Plan Development | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,173,240 |
| | | Mendocino County Water Agency | Phase 2 of the Ukiah Valley Basin Groundwater Sustainability Plan Development | - / 17 | \$ - | \$ - | \$ 764,255 | \$ 764,255 | \$ 764,255 | \$ 967,675 |
| C | 1 | Merced Irrigation District | 2017 Merced Groundwater Subbasin Sustainability | 14 / 17 | \$ 901,261 | \$ 901,261 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,401,261 | \$ 2,615,274 |
| C | | Mid-Kaweah Groundwater Sustainability Agency | Kaweah Sub-Basin Groundwater Sustainability Plans Development | - / 17 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,587,704 |
| C | | Mid-Kings River Groundwater Sustainability Agency | Tulare Lake Subbasin GSP Development and SGMA Compliance Project | - / 15 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 1,597,130 |
| | | Mound Basin Groundwater Sustainability Agency | Mound Basin GSA and GSP | - / 19 | \$ - | \$ - | \$ 758,100 | \$ 758,100 | \$ 758,100 | \$ 1,518,870 |
| 2 | | North Cal-Neve Resource Conservation and Development Council, Inc. | Big Valley GSP Monitoring and Data Development | 14 / - | \$ 782,344 | \$ 782,344 | \$ - | \$ - | \$ 782,344 | \$ 801,375 |
| C | | North Fork Kings Groundwater Sustainability Agency | Kings Basin Groundwater Sustainability Plans | - / 17 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 5,364,141 |
| | | Padre Dam Municipal Water District | San Diego River Valley Groundwater Sustainability Plan (GSP) Development Proposal | - / 18 | \$ - | \$ - | \$ 600,000 | \$ 600,000 | \$ 600,000 | \$ 1,200,000 |
| C.D | | Pajaro Valley Water Management Agency | Pajaro Valley Groundwater Sustainability Plan | - / 11 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,409,865 |
| | | Petaluma Valley GSA | Petaluma Valley Groundwater Sustainability Plan | - / 17 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,097,580 |
| D | | Petaluma Valley GSA | Development of the South American Subbasin Groundwater Sustainability Plan (Bulletin 118 Subbasin NO. 5-21.65) | - / 17 | \$ - | \$ - | \$ 970,693 | \$ 970,693 | \$ 970,693 | \$ 1,541,387 |
| C | | Sacramento Central Groundwater Authority | North American Subbasin Groundwater Sustainability Plan Development | - / 18 | \$ - | \$ - | \$ 994,276 | \$ 994,276 | \$ 994,276 | \$ 2,046,663 |
| C | | Sacramento Groundwater Authority | Salinas Valley Basin Groundwater Sustainability Plan | - / 16 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 3,040,842 |
| C | | Salinas Valley Basin Ground Water Sustainability Agency | Salinas Valley Basin Groundwater Sustainability Plan | - / 16 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 3,040,842 |
| | | San Antonio Basin Groundwater Sustainability Agency | San Antonio Basin Groundwater Sustainability Plan | - / 9 | \$ - | \$ - | \$ 300,000 | \$ 300,000 | \$ 300,000 | \$ 600,000 |
| | | San Benito County Water District | Sustainable Groundwater Planning Grant for GSP Preparation: Bolsa, Hollister, and San Juan Bautista Groundwater Subbasins | - / 18 | \$ - | \$ - | \$ 830,336 | \$ 830,336 | \$ 830,336 | \$ 1,360,766 |
| | | San Bernardino Valley Municipal Water District | Yucaipa Groundwater Sustainability Plan | - / 19 | \$ - | \$ - | \$ 815,100 | \$ 815,100 | \$ 815,100 | \$ 1,358,644 |
| 4 | | San Geronimo Pass Water Agency | 2017 Sustainable Groundwater Planning Grant for the San Geronimo Pass Subbasin | 13 / 18 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,000,000 | \$ 2,625,683 |
| C | | Santa Cruz Mid-County Groundwater Agency | Santa Cruz Mid-County Groundwater Sustainability Plan Development | - / 18 | \$ - | \$ - | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 3,000,000 |
| | | Santa Margarita Groundwater Agency | Santa Margarita Groundwater Sustainability Plan Development | - / 16 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,011,958 |
| | | Santa Rosa Plain GSA | Santa Rosa Plain Groundwater Sustainability Plan | - / 17 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,333,314 |
| | | Santa Ynez River Water Conservation District | Santa Ynez River Valley Basin GSP Planning and Preparation | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 3,481,015 |
| 8 | | Self-Help Enterprises | Self-Help Enterprises - SDACs Project | 12 / - | \$ 1,000,000 | \$ 1,000,000 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 |
| 19 | | Shasta Valley Resource Conservation District | Groundwater Monitoring Implementation Program for the Shasta Valley GSA | 6 / - | \$ 976,884 | \$ 976,884 | \$ - | \$ - | \$ 976,884 | \$ 976,884 |
| | | Siskiyou County Flood Control and Water Conservation District | Grant Proposal for the Scott, Shasta and Butte Valley Groundwater Basins GSP Development | - / 16 | \$ - | \$ - | \$ 1,367,000 | \$ 1,367,000 | \$ 1,367,000 | \$ 1,614,000 |
| | | Solano Subbasin Groundwater Sustainability Agency | Solano Subbasin Groundwater Sustainability Plan Development | - / 18 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 3,592,000 |
| | | Sonoma Valley GSA | Sonoma Valley Groundwater Sustainability Plan | - / 17 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,240,088 |
| | | Southeast Sacramento County Agricultural Water Authority | Establishing a Groundwater Sustainability Plan and Governance Structure for the Cosumnes Groundwater Sub Basin | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,965,000 |
| D | | Sutter County Development Services | Sutter Subbasin Groundwater Sustainability Plan Development | - / 19 | \$ - | \$ - | \$ 956,814 | \$ 956,814 | \$ 956,814 | \$ 1,277,442 |
| | | Tehama County Flood Control & Water Conservation District | Tehama County Groundwater Sustainability Plan Development Grant Application | - / 17 | \$ - | \$ - | \$ 1,498,960 | \$ 1,498,960 | \$ 1,498,960 | \$ 1,498,960 |
| 12 | | The Nature Conservancy | Demonstrating Multi-Benefit On-Farm Managed Aquifer Recharge in the Central Valley | 11 / - | \$ 300,000 | \$ 300,000 | \$ - | \$ - | \$ 300,000 | \$ 1,194,742 |
| | | Tulelake Irrigation District | Protecting Our Groundwater Resource: Securing a Sustainable Future for the Tule Lake Subbasin | - / 15 | \$ - | \$ - | \$ 721,120 | \$ 721,120 | \$ 721,120 | \$ 836,800 |
| | | Upper Ventura River Groundwater Agency | Upper Ventura River Basin GSA and GSP | - / 19 | \$ - | \$ - | \$ 630,061 | \$ 630,061 | \$ 630,061 | \$ 1,338,896 |
| | | Walnut Valley Water District | Spadra Groundwater Basin Groundwater Sustainability Plan Development | - / 16 | \$ - | \$ - | \$ 338,500 | \$ 338,500 | \$ 338,500 | \$ 677,000 |
| C | 17 | West Stanislaus ID | 2017 Sustainable Groundwater Planning Grant for the Delta-Mendota Subbasin | 10 / 14 | \$ 1,178,500 | \$ 1,178,500 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,678,500 | \$ 5,206,698 |
| | | West Turlock Subbasin GSA | Sustainable Groundwater Planning Grant for the Turlock Groundwater Subbasin | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,249,533 |
| | | Western Municipal Water District | Riverside-Arlington Subbasin Groundwater Sustainability Plan | - / 14 | \$ - | \$ - | \$ 130,000 | \$ 130,000 | \$ 130,000 | \$ 288,225 |
| C | 5 | Westlands Water District | Groundwater Monitoring Well Installation Project and Groundwater Sustainability Plan Development for the Westlands Subbasin | 13 / 19 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 2,500,000 | \$ 2,997,500 |
| | | White Wolf Groundwater Sustainability Agency | White Wolf Subbasin Groundwater Sustainability Plan Development | - / 18 | \$ - | \$ - | \$ 557,998 | \$ 557,998 | \$ 557,998 | \$ 1,560,563 |
| | | Yolo County Flood Control and Water Conservation District | Yolo Subbasin - GSP Planning and Preparation | - / 19 | \$ - | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 2,033,744 |
| | | Yuba County Water Agency | Groundwater Sustainability Plans for the North Yuba Subbasin and South Yuba Subbasin | - / 14 | \$ - | \$ - | \$ 893,948 | \$ 893,948 | \$ 893,948 | \$ 1,191,930 |
| | | | | | \$ 16,782,264 | \$ 16,182,264 | \$ 69,569,961 | \$ 69,569,961 | \$ 85,752,225 | \$ 150,038,516 |

A. All Category 1 Projects. Applicant shall obtain written (i.e., letter) approval of proposed scope of work from GSA, of respective basin where project is located in, prior to execution of Grant Agreement.
 B. Recommended funding less than requested due to significantly high Direct Project Administration (DPA) Costs. Recalculated DPA to provide 17% of Grant Requested, rounded up to nearest \$100K.
 C. Critically Over-Draft Basin included in application.
 D. Applicant submitted an Alternative Plan to DWR for review. Awards will not be finalized until the Alternative Plan approval is determined.

Draft Funding Recommendations 2017 Groundwater Sustainability Plans and Projects Solicitation February, 2018



Note:
Groundwater basin boundaries are approximate.
Data source: DWR's CASGEM Groundwater
Basin Prioritization data layer as shown in:
<https://gis.water.ca.gov/app/boundaries/>