



Greater Kaweah GSA Technical Advisory Committee Meeting

Friday, March 6, 2020

ITEM 2: ANNOUNCEMENTS

ITEM 3: MINUTES

**ITEM 4:
TECHNICAL & PLANNING SUPPORT RFQ**

ITEM 5: GSP ANNUAL REPORT

ITEM 6: PROP 68 GW PLANNING GRANT

ITEM 7: USBR WATER MARKET GRANT

Kaweah Subbasin Water Marketing Strategy

OVERVIEW PRESENTATION- JEREMY BARROLL

Grant Program

Bureau of Reclamation WaterSMART Grants:
Water Marketing Strategy Grants for FY 2019

Aim of grant program is to establish multi-sector water marketing programs to increase water supply reliability/flexibility and to reduce shortages and conflicts.

Up to \$400,000 in federal funds (up to 50% of total project cost) for a project that can be completed within 3- years.

Award will be disbursed by March 30, 2020.

RECLAMATION
Managing Water in the West

Funding Opportunity Announcement No. BOR-DO-19-F006

**WaterSMART Grants:
Water Marketing Strategy Grants
for Fiscal Year 2019**




U.S. Department of the Interior
Bureau of Reclamation
Policy and Administration
Denver, Colorado

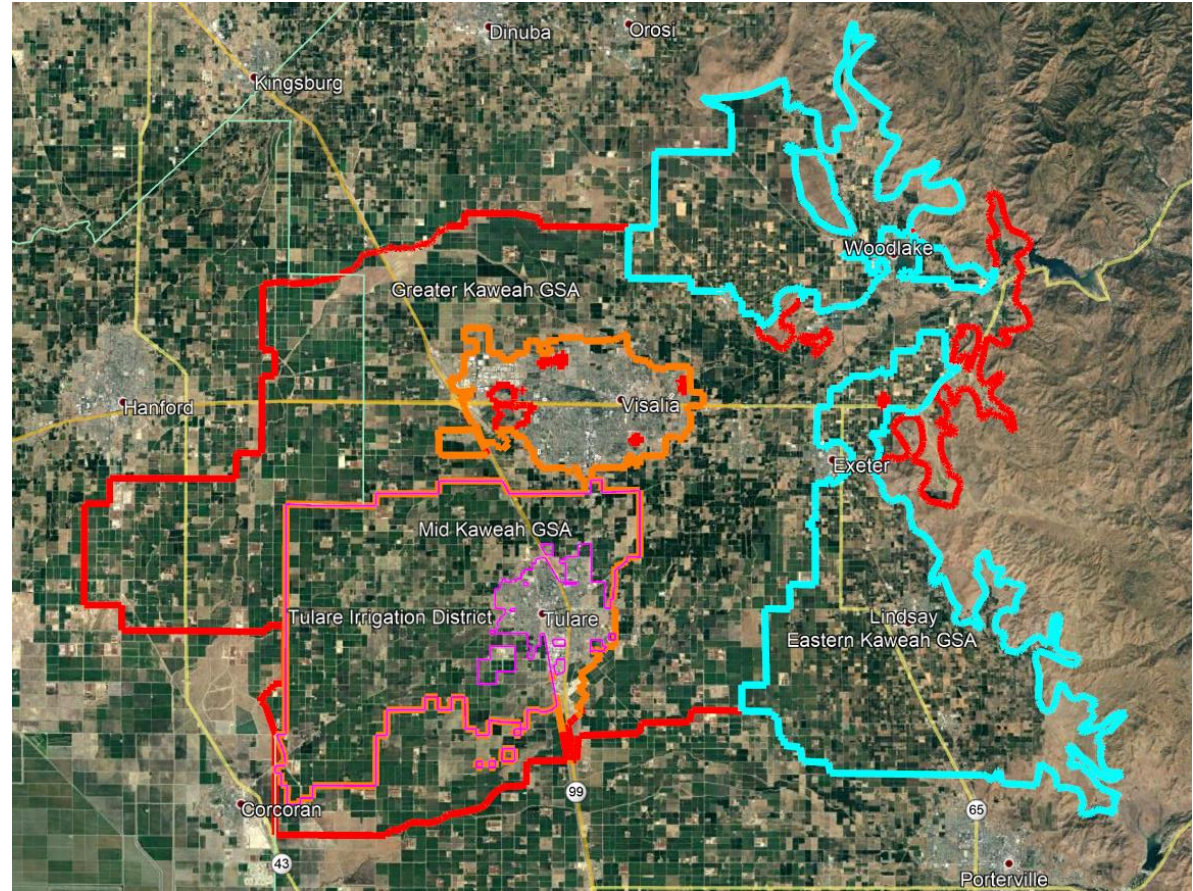
May 2019

Scope of Water Market

The Water Marketing Strategy will cover the Kaweah Subbasin, specifically the combined service areas of the 3- Groundwater Sustainability Agencies.

Users include growers, water agencies, municipalities, industrial users (food processing) and rural domestic/DACs, rural schools.

Goal to allow for greater flexibility in individual user groundwater allocations to address annual overdraft of 77,600 AF (1997-2017) to comply with SGMA.



Water Marketing Strategy Implementation

Task 1: Project Outreach and Partnership Building

Task 2: Scoping and Planning Activities

Task 3: Development of Water Marketing Strategy

Task 4: Implement Pilot Program

Task 5: Grant Administration



	Month																																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
Task No. 1 - Project Outreach and Partnership Building																																						
1.1 Identifying Potential Interested Parties		D																																				
1.2 Interested Parties Workshop- Early Engagement		W	W	W																																		
1.3 Water marketing Strategy Committee Identification																																						
1.4 Draft Water Marketing Strategy Public Workshops					W	W	W								W	W	W	W			W	W																
1.5 Final Water Marketing Strategy Workshop																																					W	
Task No. 2 - Scoping and Planning Activities																																						
2.1 Analyzing Water Rights within the Water Market																																						
2.2 Researching Existing Water Markets and Strategies																																						
2.3 Identifying Buyers and Sellers and Establishing Roles																																						
2.4 Quantifying the Subbasin Water Market Exchange Quantities																																						
2.5 Analysis of Impacts and Benefits of Markets																																						
2.6 Assessment of Digital Platforms to Implement																																						
Task No. 3 - Development of Water Marketing Strategy																																						
3.1 Develop Legal Framework																																						
3.2 Develop Terms, Standards and Practices																																						
3.3 Develop Rules and Procedures																																						
3.4 Developing Water Marketing Strategy Document																																						
Task No. 4 - Implement Pilot Program																																						
4.1 Identify Pilot Program Participants																																						
4.2 Operate Kaweah Subbasin Water Market Pilot Program																																						
4.3 Evaluate Results of Pilot Program																																						
Task No. 5 - Grant Administration																																						
5.1 Grant Administration and Project Management																																						

Notes:

- W Workshop/Public Meeting
- D Report/Deliverable

Budget

Total cost estimated at \$832,000 with Reclamation funding \$400,000.

Water Market Consultant: \$200,000 primarily to consult on conceptual development utilizing knowledge regarding functioning of existing water markets.

Engineering Consultant: \$200,000 primarily to model groundwater.

Legal Consultants: \$50,000 primarily to assess water rights law and consult regarding its application to water markets.

Digital Platform: \$100,000 for digital platform to host individual exchanges.

Staff: \$267,000 for TID staff to administer process and for GSA staff to participate in Committee, provide existing groundwater modeling and develop allocation framework.

Other: \$7,500 for venue rental for public workshops.

Will need to coordinate with GSAs to maximize dollars spent on Subbasin work to meet 50% cost share

ITEM 8:
STANFORD SKYTEM/KAWEAH MODEL PROJECT

**ITEM 9:
UPDATE ON GROUNDWATER SUSTAINABILITY
PLAN**

ITEM 9b:

Early Implementation Prioritization

Proposed List of Priorities:

- **GSP Annual Report** – complete by April 1, 2020
- **Prop 218** – complete by Summer 2020
- **Water Accounting Framework Refinement**
 - **Well Registration** – must know where wells are and current status
 - **Continue Management Zone / Accounting Unit Development**
 - **Break Down and Refine WAF** – as deemed necessary
 - **Evaluation of Measurement / Metering Options** – choose a path quickly
- **Projects and Management Actions Development**
 - **Develop a Detailed Process for Analyzing Alternatives** – cost, schedule, funding mechanism, environmental and economic impact, etc.
 - **Address Projects and Management Actions GSP Section** – some need cleaning up, and some didn't make it into the first cut – develop a clear process for getting into the queue
- **Anticipate DWR Review of GSP**
 - **Address Subsidence and Water Quality Data Gaps**
 - **Address Inconsistencies Regarding CV-SALTS** – Its implementation vs. steps described in the implementation of the GSP
 - **Begin to Address Boundary Conditions Discrepancies**
 - **Review / Compare Model Outputs** – CVHM, C2VSim and Kaweah

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ITEM 9b: Early Implementation Prioritization

Potential Schedule for Proposed Priorities:

TASK	2020	2021	2022
GSP Annual Report	█		
Prop 218	█		
Water Accounting Framework Refinement	█	█	█
<i>Well Registration</i>	█	█	
<i>Continue MZ / Accounting Unit Development</i>		█	█
<i>Break Down & Refine WAF</i>		█	
<i>Evaluation of Measurement / Metering</i>		█	█
Projects & MAs Development		█	
<i>Process for Analyzing Alternatives</i>		█	
<i>Address Projects & MAs GSP Section</i>		█	
Anticipate DWR Review of GSP		█	█
<i>Subsidence & Water Quality Data Gaps</i>		█	█
<i>CV-SALTS Inconsistencies</i>		█	
<i>Boundary Conditions Discrepancies</i>		█	█
<i>Review / Compare Models</i>		█	

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**ITEM 10:
MEETINGS REPORT**

ITEM 11:

FUTURE AGENDA ITEMS AND MEETING DATE(s)