

SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN PROPOSITION 68 GRANT FOR SGMA IMPLEMENTATION STAKEHOLDER OUTREACH

NOVEMBER-DECEMBER 2023

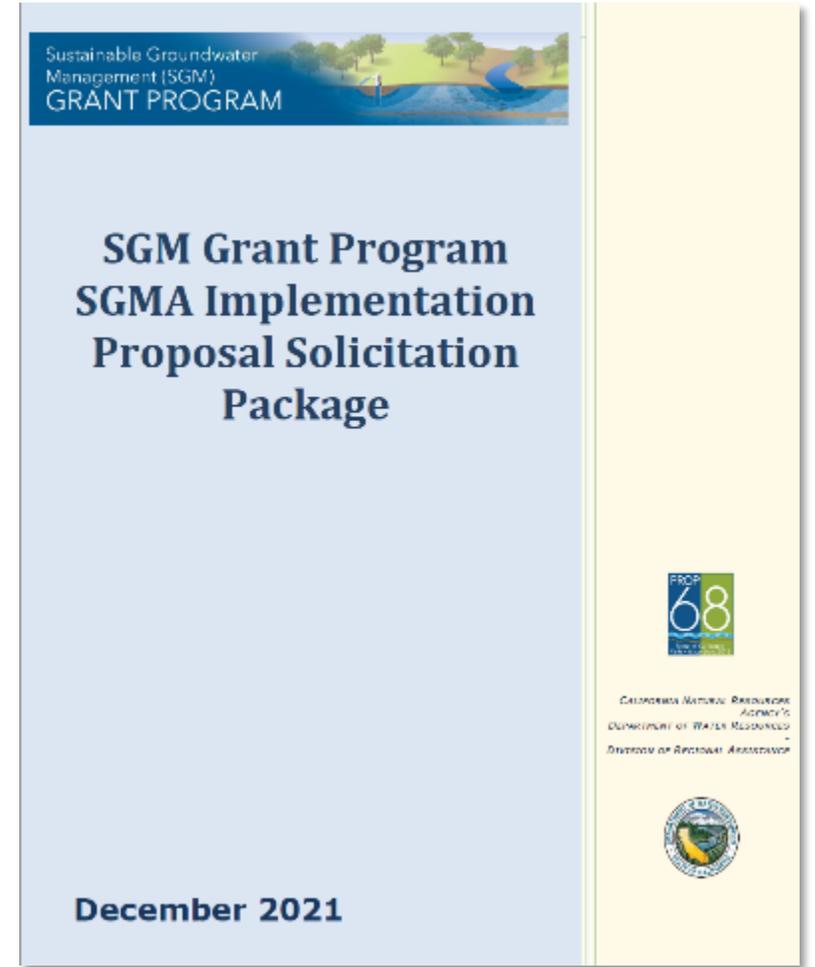
SGMA IMPLEMENTATION IN THE SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN

AGENDA:

- SGMA Implementation Phase of Groundwater Sustainability Plan (GSP)
- Projects and Management Actions – Grant Funded Prop 68
- 8 Components of Basin Grant Funds
- The importance of Stakeholder outreach efforts

PROP 68 SGMA IMPLEMENTATION GRANT

- \$187 million available for 94 eligible basins.
- Cost-share is not required for grant (funds to be fronted by agencies).
- Solicitation opened October 4th and closed November 30th, 2022.
- Very competitive: DWR received applications from **82 basins** requesting over **\$780 million**.
- Santa Ynez River Basin awarded \$5.5 million dollars.
- Eligible costs for reimbursement for work starting October 4th 2022 through April 30 2026 are fully refundable.
- Last payment from DWR will be on or before June 30, 2026.



FUNDING WILL SUPPORT WORK AND ADMINISTRATION OF 8 COMPONENTS (7 PROJECTS)

- *All Projects are described in the GSPs.*
- *Some Projects require significant outreach to land and well owners to identify participants for demonstration projects and related studies (#'s 2, 5, 7, and 8).*

Components	Grant Amount
Component 1: Grant Administration	\$154,000
Component 2: Well Extraction Measurement Demonstration Projects and Basin Reporting Program	\$741,000
Component 3: Santa Ynez River Basin WMA, CMA and EMA – SGMA Rate Study	\$82,000
Component 4 : Basin <u>GSPs</u> 5-yr Update	\$1,492,000
Component 5 : Monitoring <u>Improvement and Expansion</u>	\$1,845,000
Component 6 : Storm water Capture and Infiltration Project Designs*	\$335,000
Component 7 : Water Use <u>Efficiency</u> Strategic Plan*	\$600,000
Component 8 : <u>Recycled Water Feasibility Study</u> *	\$285,000
Total:	\$5,534,000

* Focus on the WMA GSA.

LAND- AND WELL OWNER OUTREACH

Initial List of Potential Forums to Engage Relevant Basin Stakeholders

- Residential land-owners including domestic- and small public supply well owners.
 - Interested Parties List subscribed through www.santaynezwater.org.
 - Citizen Advisory Group (CAG).
- Agriculture:
 - AG Stakeholder Groups (i.e., Santa Ynez Water Group).
 - Industry Organizations (The Farm Bureau, Grower-Shipper Association, Santa Barbara County Vintners, the Santa Barbara County Cattlemen’s Association and Santa Barbara County Cattlewomen’s Association).
 - Cal Poly Irrigation Training and Research Center, San Luis Obispo.
 - Cachuma Resource Conservation District (CRCD).
 - Others?
- Environmental:
 - Local Groups?
 - County/State/Federal Agencies?
- Tribal and Disadvantaged Communities.
- Federal Entities: Vandenberg SFB; Lompoc Federal Prison.
- List of Beneficial Uses and Users (see *WMA/CMA/EMA GSA Public Outreach and Engagement Plans*).

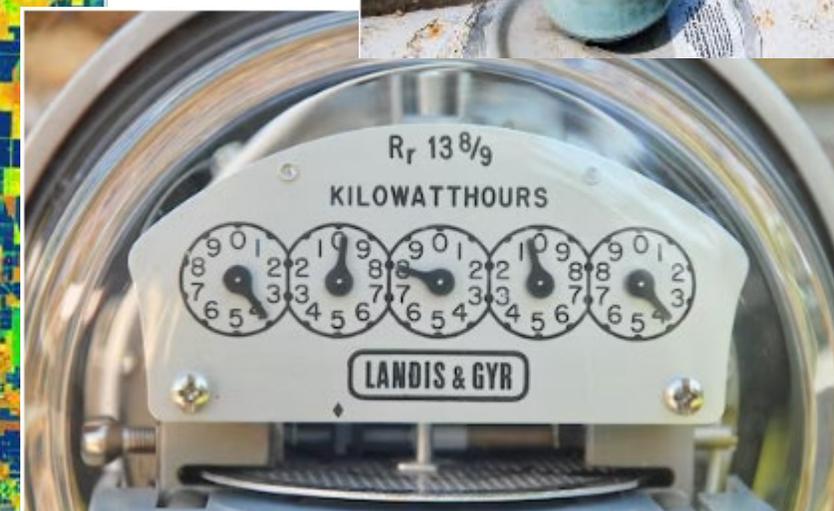
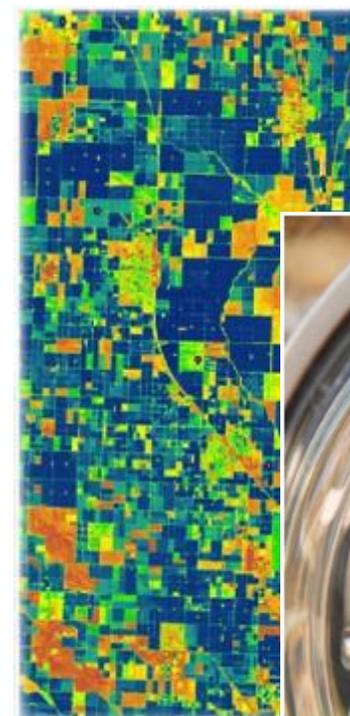
#2 - WELL EXTRACTION AND REGISTRATION REPORTING

Implement Registration Program and Conduct Demonstration Projects to compare extraction measurement and tracking methods.

Outreach is needed to:

- Focus registration efforts first on areas outside SYWCD Boundary “White” areas represented by Santa Barbara County.
- Compare 3 measurement and reporting methods at up to 9 locations:
 - Mechanical meters.
 - Power consumption.
 - Water demand (evapotranspiration).
- Expand registration and reporting to entire Basin.

Question: What forums/groups/lists exist to engage the relevant property- and well owners to participate in these demonstration projects?



#5 – MONITORING NETWORK IMPROVEMENT

- Expand monitoring network to include 1 to 4 existing wells.
- Expand monitoring network by planning and constructing 1 new monitoring well.
- Plan and construct 1 new surface water gauge.
- Collect compliance data at 4 to 6 existing wells.
- Field Survey of mapped GDEs at confluence of Santa Rosa Creek and the Santa Ynez River.

**GSA specific project lists
come from each of the 3 GSPs**

- Expand monitoring network with 2 to 4 existing wells.
- Expand monitoring network by planning and constructing 1 new monitoring well.
- Plan and construct 1 new surface water gauge.
- Collect compliance data at 10 to 18 existing wells.
- Quarterly Sea water intrusion monitoring at 4 representative monitoring wells.
- Field Survey of mapped GDEs associated with the Principal Aquifer.

- Expand monitoring network to include 1 to 3 existing wells.
- Expand monitoring network by planning and constructing 1 piezometer near Alamo Pintado Creek and 1 piezometer near Zanja de Cota Creek and their confluence with the Santa Ynez River.
- Collect compliance data at 10 to 16 existing wells.
- Field Survey of mapped GDEs along perennial reaches of Alamo Pintado and Zanja de Cota Creeks.

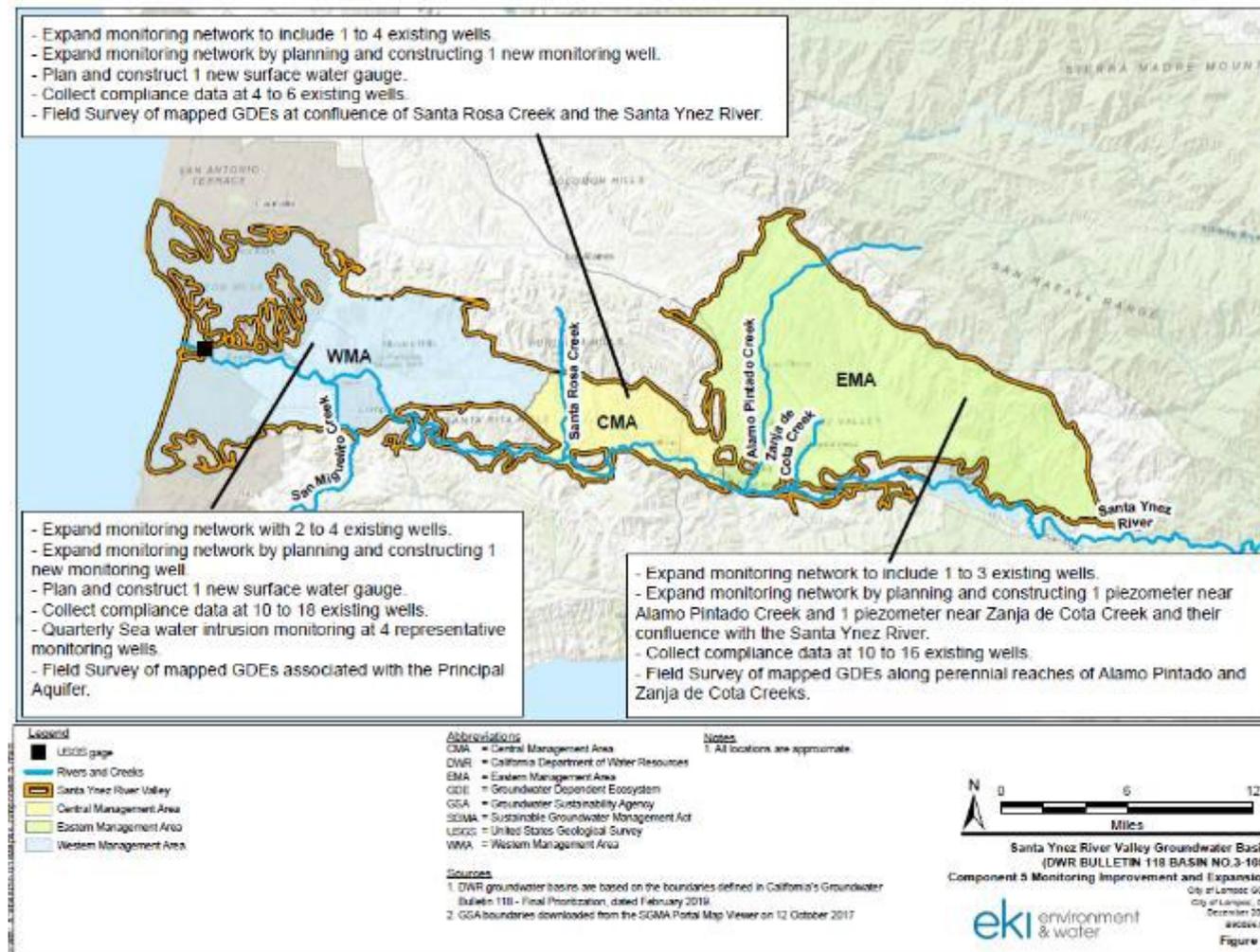
#5 – MONITORING NETWORK IMPROVEMENT

Identify Partnering Land- and Well Owners to Expand Monitoring Network and Address Data Gaps.

Outreach needed for access to:

- Expand groundwater monitoring network:
 - Incorporate 4-11 existing wells.
 - Construct 4 new wells and/or piezometers.
- Video log 25-40 existing monitoring wells for SGMA compliance.
- Construct up to 2 new surface water gauge stations.
- Conduct field surveys at up to 6 sites to confirm Groundwater Dependent Ecosystems (GDEs).
- Quarterly monitoring for seawater indicators in groundwater at up to 4 sites.

Question: What forums/groups/lists exist to engage the relevant property- and well owners for access and cooperation?



#7 – WMA WATER USE EFFICIENCY STRATEGIC PLAN

Survey Existing Activities and Conduct Demonstration Projects to Reduce Groundwater Use, Lower Water Production Costs, and support Sustainable Economic Viability of Agriculture.

Outreach needed to:

- *Survey public and private efficiency/conservation activities.*
- *Identify cooperating landowners for up to 3 water use surveys and efficiency demonstration projects.*
 - *Measure applied water.*
 - *Soil moisture monitoring to optimize irrigation scheduling schedule and other on-farm practices (i.e., dust control).*
 - *Weather stations to measure water consumed by ET.*

Question: What forums/groups/lists exist to engage the relevant agricultural landowners to partner with the water efficiency demonstration projects?



#8 – WMA RECYCLED WATER FEASIBILITY STUDY

Assess Potential Acceptance and Market for Recycled Water and Evaluate Expected Benefits

Outreach needed to:

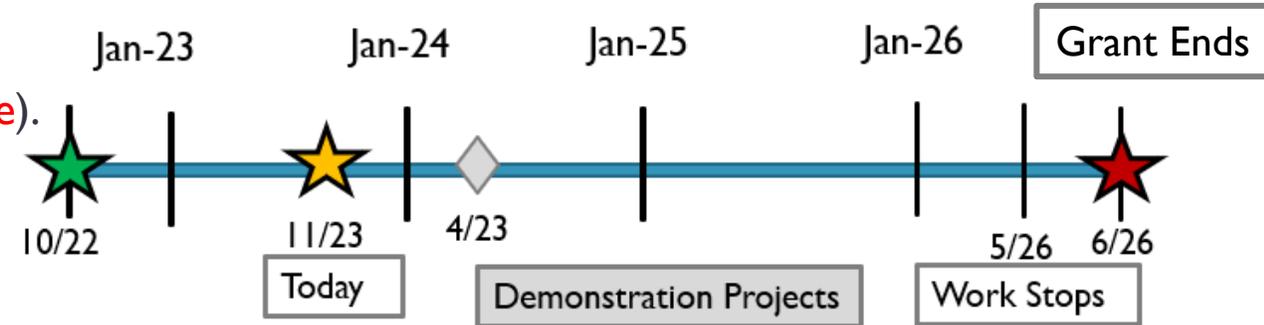
- Identify potential recycled water users.
- Describe alternative acceptable projects.
- Evaluate potential water supply and environmental project benefits with stakeholder input.

Question: What forums/groups/lists exist to engage potential agricultural users of recycled water?



YOUR IDEAS AND STRATEGIES FOR STAKEHOLDER ENGAGEMENT FOR THE COMPONENTS

- Prop 68 SGMA Scope and Timeline (30 months to complete).



- The component project needs:
 - Well owner engagement for registration and extraction reporting.
 - Landowner permission and access for well metering demonstration projects.
 - Landowner permission for proper access for monitoring improvements.
 - Landowner permission and access for water use surveys and efficiency demonstration projects.
 - Network with landowners to assess interest in recycled water.
 - Forums to engage Basin Stakeholders.
- Next steps - outreach.
- Next meeting date and time.

Thank you