



SANTA ROSA PLAIN
GROUNDWATER
SUSTAINABILITY AGENCY

Update to Santa Rosa BPU

ANDY RODGERS, GSA ADMINISTRATOR

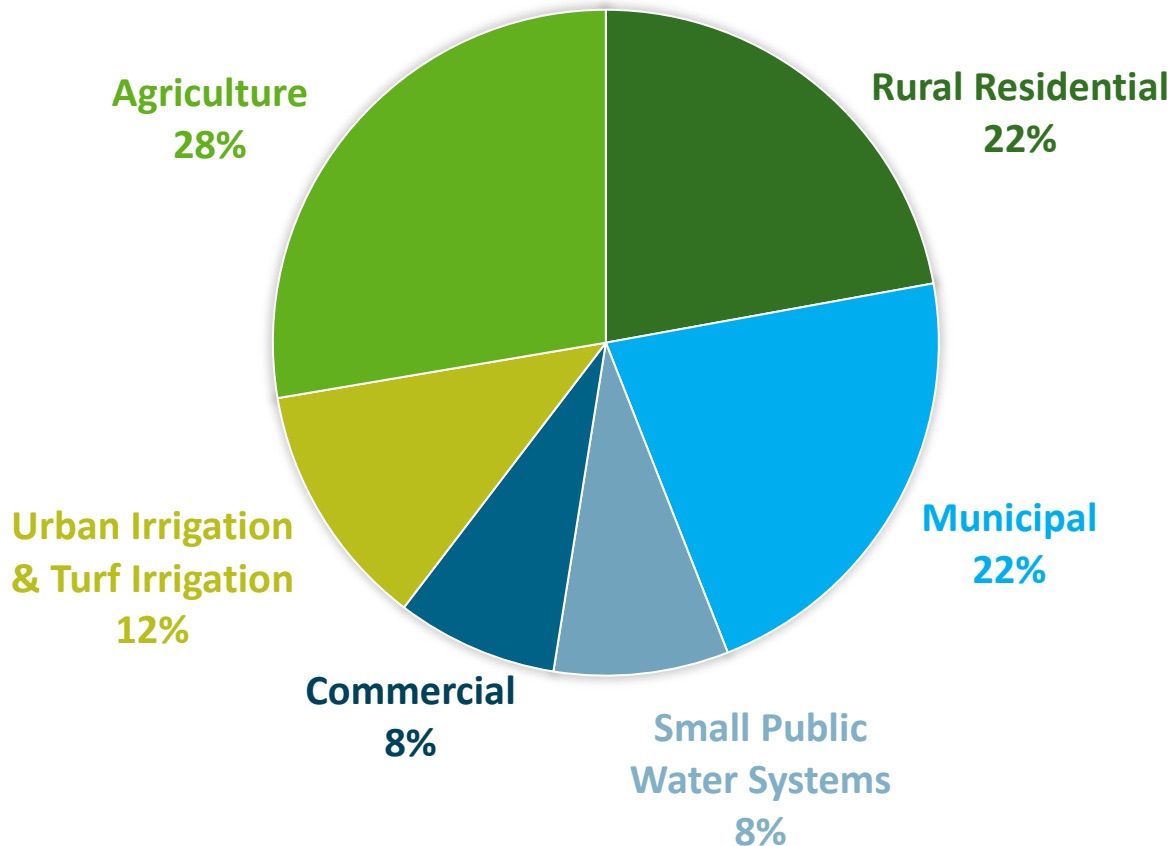
MAY 21, 2026

Petaluma Valley, Santa Rosa Plain and Sonoma Valley must comply with California's 2015 Sustainable Groundwater Management Act



Santa Rosa Plain Groundwater Use

Groundwater Use By User Type

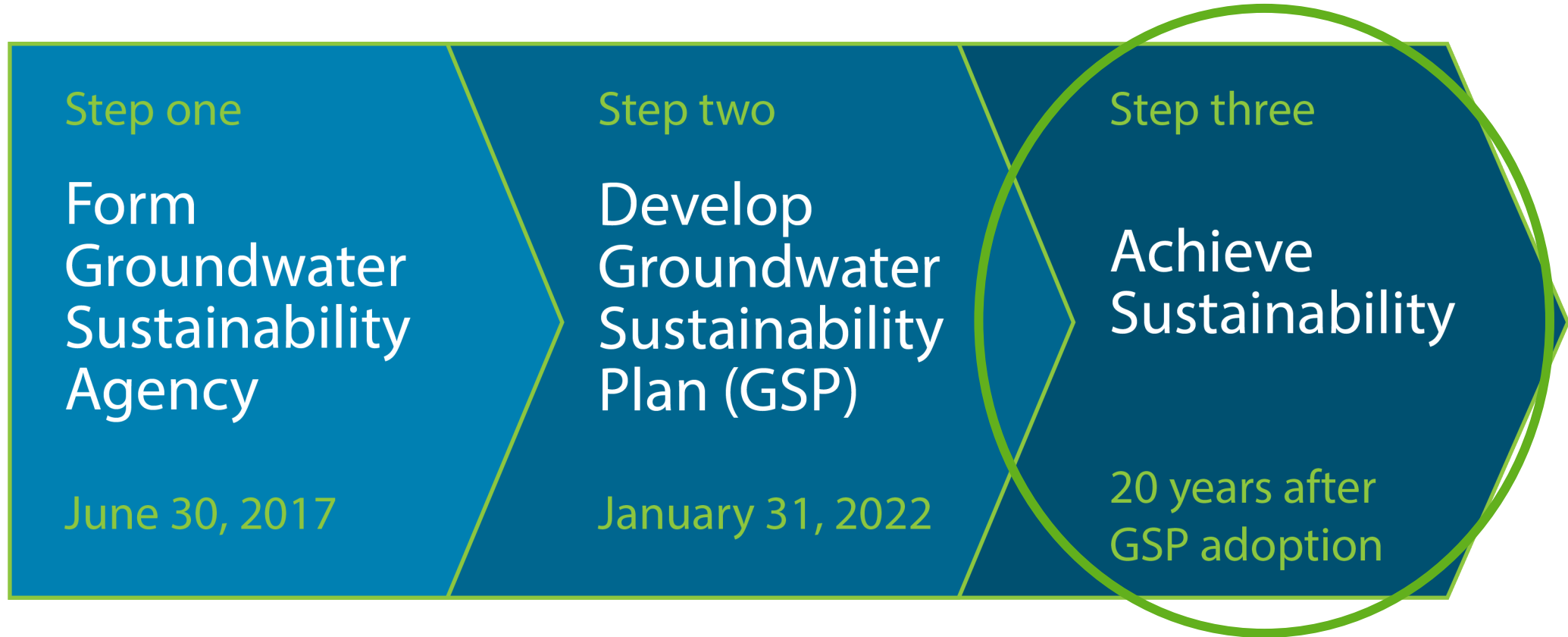


Groundwater is the sole water source for:

- ✓ **8,650** parcels
- ✓ **32,000** people
- ✓ **20,800** acres of crops and vines

Also an important source for:
Native fish, wildlife, and plants!

Steps to Sustainability



Funding

- Independently funded since 2022 via groundwater sustainability fees (currently at \$44.70/acre-foot)
- Leverage significant outside funding – have brought in \$7.4M so far into Santa Rosa Plain
- Continue to seek outside funding to fund projects



Groundwater Conditions Update

Santa Rosa Plain Basin Health Indicators



Water Quality



Groundwater Levels



Groundwater Storage



Land Subsidence



Interconnected Surface Water



**Data
Gap**



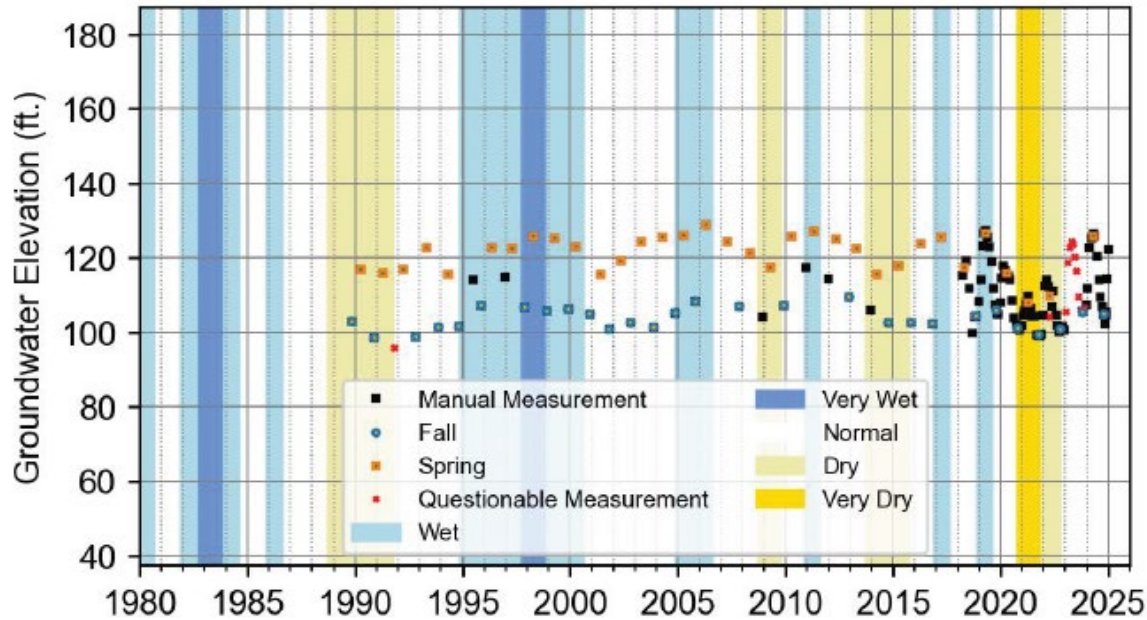
Santa Rosa Plain Groundwater Levels

Find this data on the Data Dashboard!
www.santarosaplaingroundwater.org/data-dashboard

Location



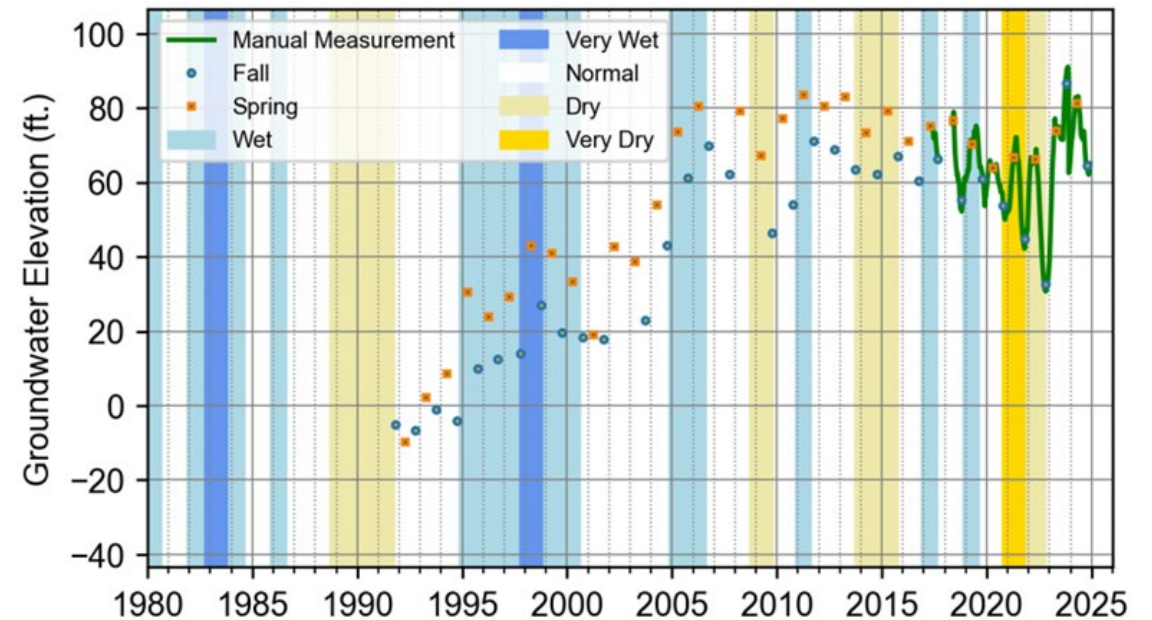
Shallow Aquifer
(<200 ft deep)



Location



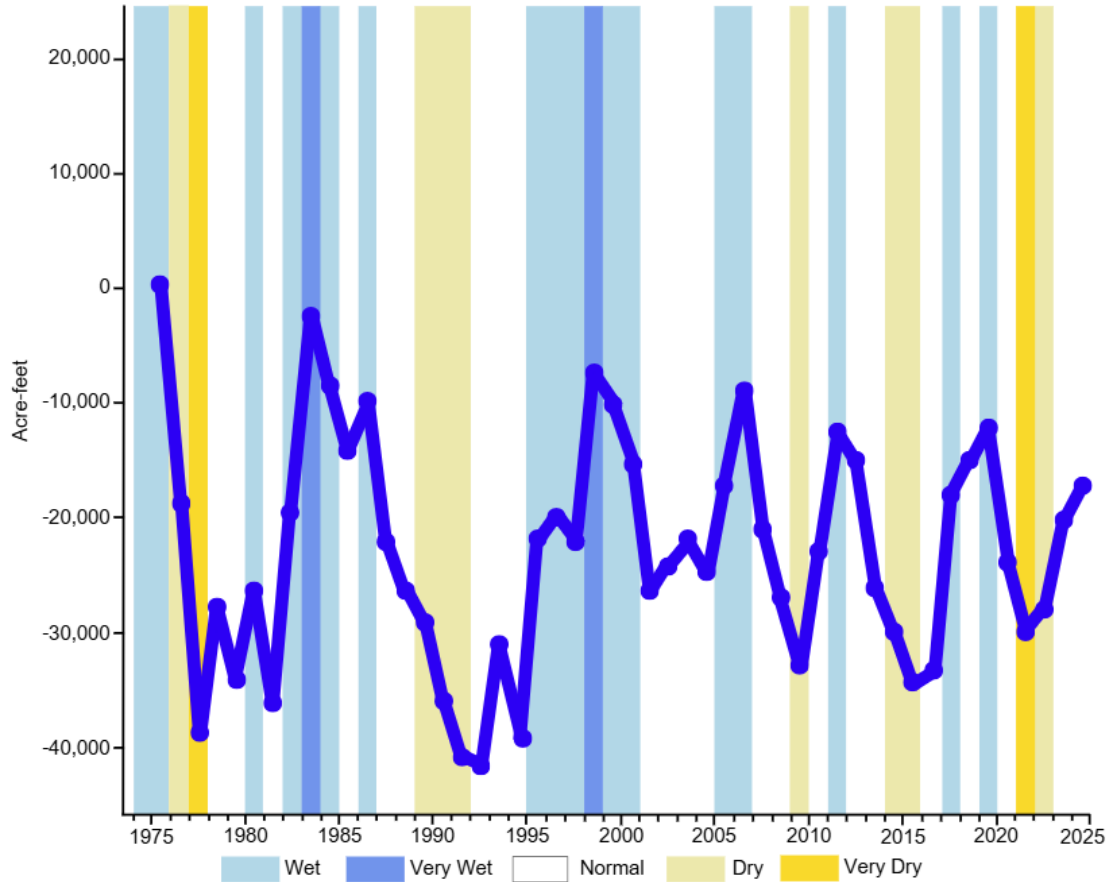
Deep Aquifer
(>200 ft deep)



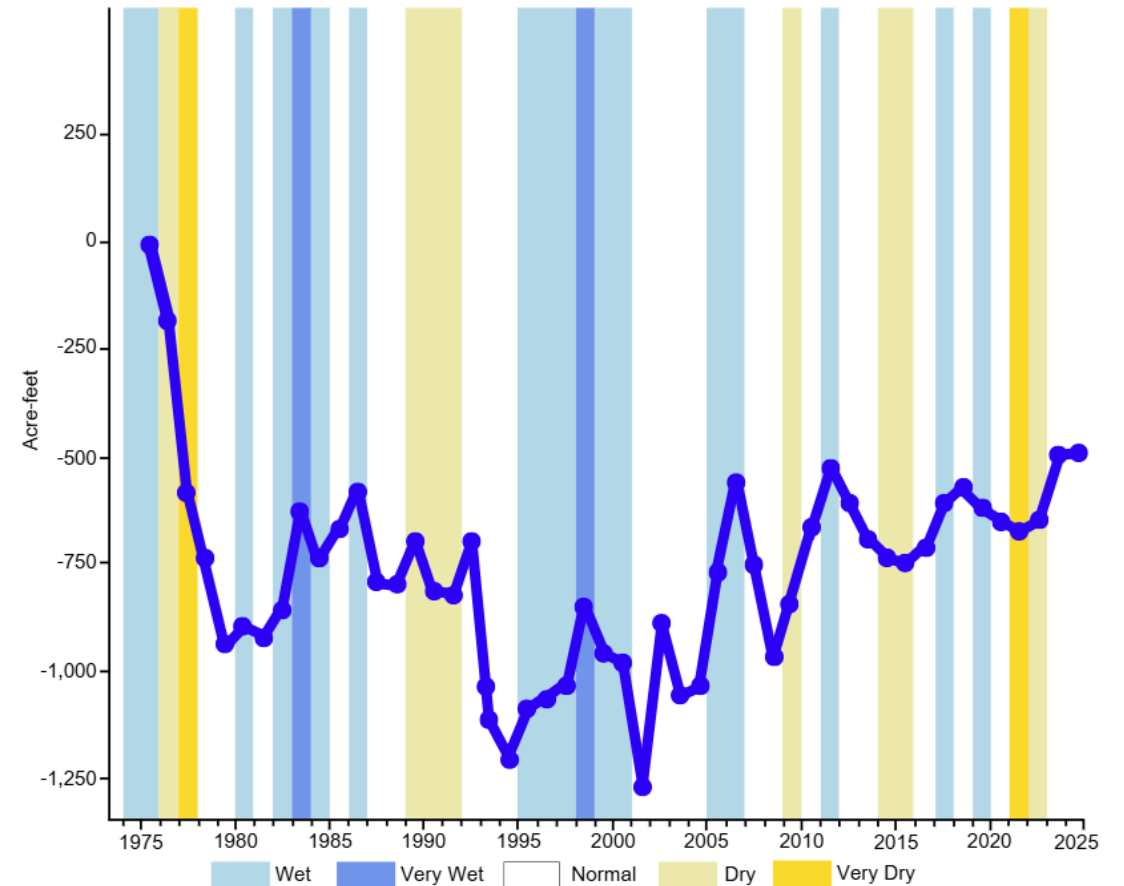


Santa Rosa Plain Groundwater Storage

Shallow Aquifer (less than 200 feet deep)



Deep Aquifer (greater than 200 feet deep)



Santa Rosa Plain

Status of Other Sustainability Indicators



Interconnected Surface Water

- Within the sustainability range
- Work ongoing to address data gaps related to depletion of interconnected surface water



Water Quality

- No exceedances of minimum thresholds



Land Subsidence

- No evidence

Santa Rosa Plain Extraction

- Existing Extraction: 17,900 acre-foot per year
- Current Overdraft: 0
- **Projected Overdraft: 2,200 acre-foot per year**

Acre-foot: Roughly 326,000 gallons. The amount of water to cover an acre of land. Enough to provide water for two families for a year.

Groundwater Sustainability Project Updates

Road to Sustainability

2028-2041

Ongoing Annual Reports
Monitoring and modeling
Project & Management Action (PMA) implementation
Outreach
Adaptive management

2042

Achieve Subbasin Sustainability

2027

Submit 5-year Periodic Evaluation
Water Year 2026 Annual Report
Fee study to incorporate Periodic Evaluation recommendations

2026

Prepare 5-year Periodic Evaluation
Water Year 2025 Annual Report
End of Sustainable Groundwater Management Implementation Grant
Consider long-term funding options

2025

Water Year 2024 Annual Report
GSP implementation projects

2024

Water Year 2023 Annual Report
Fee study updated
GSP implementation projects

2023

GSP approved by DWR
Water Year 2022 Annual Report
Awarded Sustainable Groundwater Management implementation grant for \$5.38M
Conducted RFQ process for GSP Implementation
Board consideration of policy options

2022

GSP submitted to DWR
Fee study approved & fees established for first time



Strategically Gathering More Information

- Constructing 6 new monitoring wells
- Studying the connection between surface water and groundwater
- Refining well inventory
- And more!



Voluntary Monitoring Programs

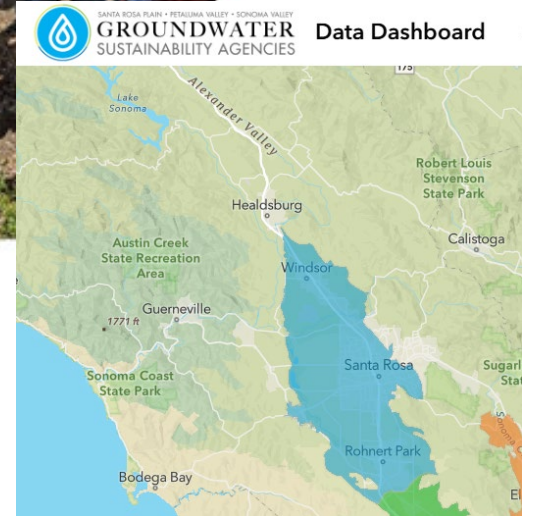
LEVEL UP!

Voluntary Well Monitoring Program

FLOW SMART

Voluntary Flow-Metering Program

Know Your Water, Secure Your Future



Recharge And Resilience Projects In Progress

Grant funded projects

- Aquifer storage and recovery
- Stormwater recharge
- Recycled water expansion



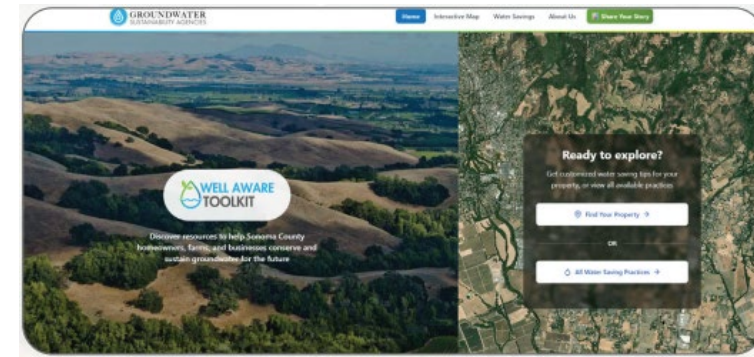
Tools for Groundwater Users

Data Dashboard



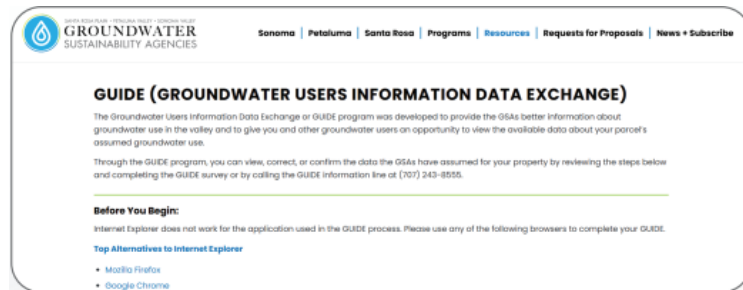
Visit: sonomacountygroundwater.org/data-dashboard

Well Aware Toolkit



Visit: wellawaretoolkit.org

GUIDE



Visit: sonomacountygroundwater.org/guide

Well User Manual



Visit: sonomacountygroundwater.org/groundwater-well-user-manual



Thank you!

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