

Groundwater in the Solano Subbasin

If you live or work in Solano or Sacramento Counties, you may depend on groundwater from the Solano Subbasin. Local groundwater management plans are currently in development.

Now is the time to provide your input.

Where and What is The Solano Subbasin?

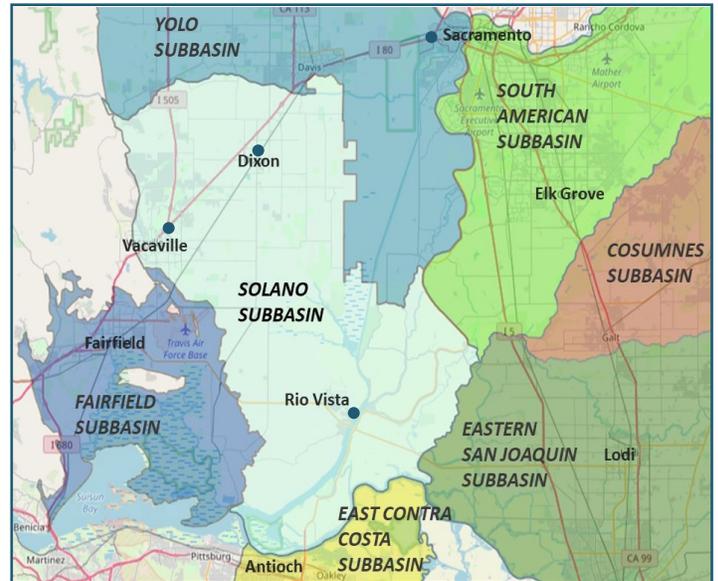
The Solano Subbasin is a small part of the very large Sacramento groundwater basin. This large basin was divided into smaller subbasins to help capture local conditions and variations.

The California Department of Water Resources (DWR) determined that the Solano Subbasin is subject to the Sustainable Groundwater Management Act (SGMA). This is due to the amount of irrigated farm land, the density of wells, change in crop patterns, and anticipated population growth that will increase the demand on local groundwater resources.

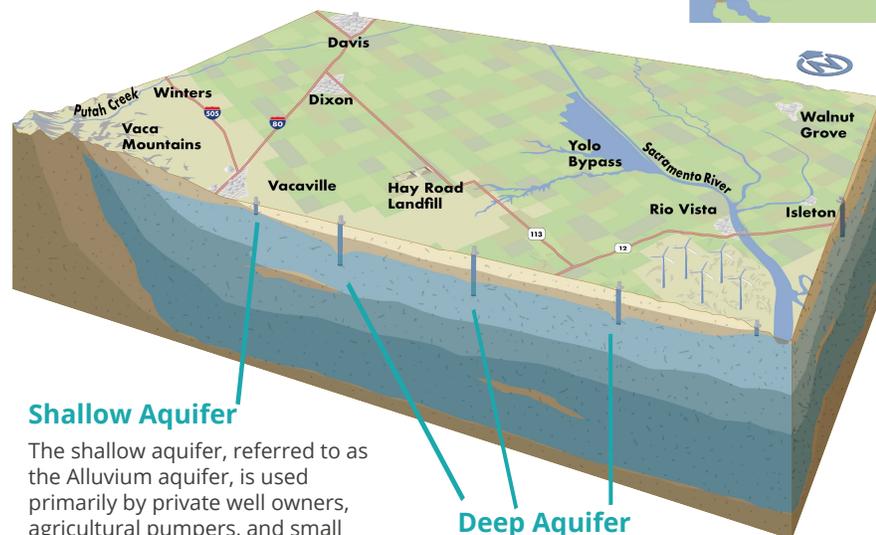
Who Is Managing Our Groundwater?

Four **Groundwater Sustainability Agencies (GSAs)** formed separately in 2017 to govern and manage groundwater resources in different portions of the subbasin.

In 2018, these four agencies and Sacramento County came together as the **"Solano Collaborative"** to jointly develop one **Groundwater Sustainability Plan (GSP)** for the entire Subbasin.



Map of Solano subbasin and neighboring subbasins



Shallow Aquifer

The shallow aquifer, referred to as the Alluvium aquifer, is used primarily by private well owners, agricultural pumpers, and small community water systems (e.g. schools, mobile home parks, etc.). Many aspects influence water levels in shallow domestic wells, including well construction, local geology, groundwater pumping rates, how deep nearby wells are pumping from, and the distance of wells from surface water sources (e.g. canals, streams).

Deep Aquifer

The deeper aquifer, referred to as the Tehama Formation, provides most of the municipal water supply in the basin, including the City of Dixon, City of Vacaville, Rural North Vacaville Water District, and Solano Irrigation District. Some agricultural wells are also dependent on the deeper aquifer.



Groundwater in the Solano Subbasin

Why Should I Get Involved?

Over the next year, you can provide input to **ensure that your interests are considered** in the local GSP. This plan will guide groundwater management in your subbasin for **those who depend on it now and into the future**. Support your GSA by:

- ▶ Sharing how groundwater challenges affect you or your communities
- ▶ Supporting the development of sustainability indicators in the Groundwater Sustainability Plan
- ▶ Identifying projects that may improve groundwater conditions in your community

Upcoming Events and Opportunities to Engage

Public engagement will take place throughout 2021. As more details become available surrounding events next year, they will become available on solanogsp.com. Opportunities for engagement will include the following:

2021

Aug - Virtual Town Hall

Nov - Draft Sections of the GSP Released for Public Comment

Late Nov/Early Dec - Virtual Town Hall

Dec - Draft GSP Released for Public Comment; Virtual Town Hall

Community Advisory Committee
June 1
4:00 - 6:00 p.m.

Committee meetings are open to the public and provide a great opportunity to get involved in groundwater planning. During meetings, attendees provide feedback on critical plan topics in development (e.g. future land use, proposed projects). Please email guadalupe@aginnovations.org for more information.

Virtual Town Halls
August 25
5:30 - 7:30 p.m.

Town halls offer an opportunity to learn more about current and future groundwater use in the Solano Subbasin. You can help guide the development of the GSP by providing local information about your groundwater use (e.g. well construction) and by representing your interests as a local groundwater user.

January 31st, 2022

The GSP is submitted to the California Department of Water Resources for review.

Learn More

- ▶ About your local Groundwater Sustainability Agency here: bit.ly/id-gsa
- ▶ About your local water supply here: bit.ly/30ILVUH
- ▶ About groundwater and SGMA in the Solano Subbasin here: groundwaterguide.com

Here's how

- ▶ Sign up for email updates: solanogsp.com
- ▶ Complete a survey about your groundwater uses and interests: surveymonkey.com/r/solanogsp
- ▶ Attend public meetings: solanogsp.com/outreach/
- ▶ Comment on Groundwater Sustainability Plan Section Drafts: solanogsp.com/gsp-draft-sections/

