

Cosumnes Subbasin

Multi-benefit Land Repurposing

To reach groundwater sustainability in the Cosumnes Subbasin (located in southeast Sacramento and western Amador Counties), the Cosumnes Groundwater Authority (CGA) is currently developing programs to tackle the problem from several different angles (ex: reduce groundwater demand and augment supply). Current estimates indicate that the Cosumnes Subbasin is losing about 10,000 acre-feet/year (AFY) in groundwater storage.

Land repurposing aims to reduce groundwater use and create/restore habitat and nature-based conservation solutions. The main goal of land repurposing is keeping working lands working. The CGA is currently seeking feedback on what a voluntary, locally relevant, multi-benefit, and successful program could look like.

Examples of Repurposing

- Transition to less water intensive crops
- Renewable energy projects that have an overall net GHG reduction (ex: solar)
- Creation of multi-benefit recharge areas
- Transition irrigated land to dryland farming or non-irrigated rangeland
- Rewilding landscapes, including through creation or restoration of habitat such as pollinator habitat, wetland habitat, upland habitat, and riparian habitat
- **and more!**



Cosumnes GSP Estimated Savings from Land Repurposing



Phase 1
(2022-2027)

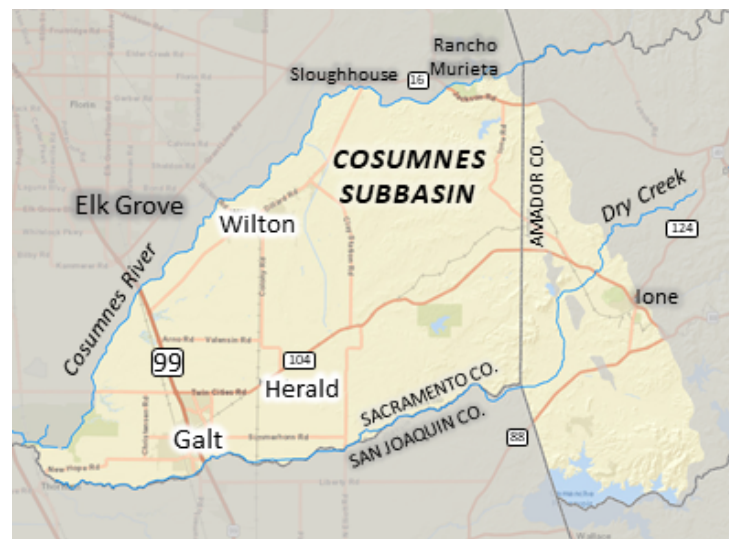
2,700 AFY

Phase 2
(2028-2042)

6,300 AFY

AFY: acre-feet per year

Cosumnes Groundwater Authority



How You Can Help

1

Stay Connected and Provide Feedback

Visit CosumnesGroundwater.org to learn more about groundwater sustainability, find upcoming meetings, and to sign up for updates from CGA.

2

Provide Relevant Data

Groundwater planning relies on real world data! Contact CGA if you can provide additional data from within (and near) the Cosumnes Subbasin.

3

Conserve!

Consider building water saving practices into your farm plans. Contact CGA to get started!



Find out more at:

CosumnesGroundwater.org

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