

>>> NEWSLETTER <<<

COSUMNES GROUNDWATER AUTHORITY

CGA

**NEWS THIS SEASON****WHO IS THE
COSUMNES
GROUNDWATER
AUTHORITY?**>>> **A BRIEF HISTORY OF CGA**

The Cosumnes Groundwater Authority was formed in November of 2021 by seven Groundwater Sustainability Agencies (GSAs):

- Amador County Groundwater Management Authority
- Clay Water District
- City of Galt
- Galt Irrigation District
- Omuchumne-Hartnell Water District
- County of Sacramento
- Sloughhouse Resource Conservation District

CGA strives to be a hub of information regarding Groundwater Sustainability within the Cosumnes Subbasin, while implementing the Cosumnes Subbasin Groundwater Sustainability Plan (GSP). The Cosumnes GSP was adopted in January of 2022 and it aims to assess groundwater quality, surface water depletion, land subsidence and other sustainability indicators while also proposing measures to correct any "undesirable results".

With the assistance of our technical consultants at EKI Environment & Water, Inc., CGA is continuing to assess the quality and quantity of groundwater in the subbasin and strategize to reverse any deficits and ensure long-term sustainability of the water available to businesses, residences, farms, ranches and ecosystems.



2023 WATER REPORT

»»» RESULTS OF THE ANNUAL REPORT

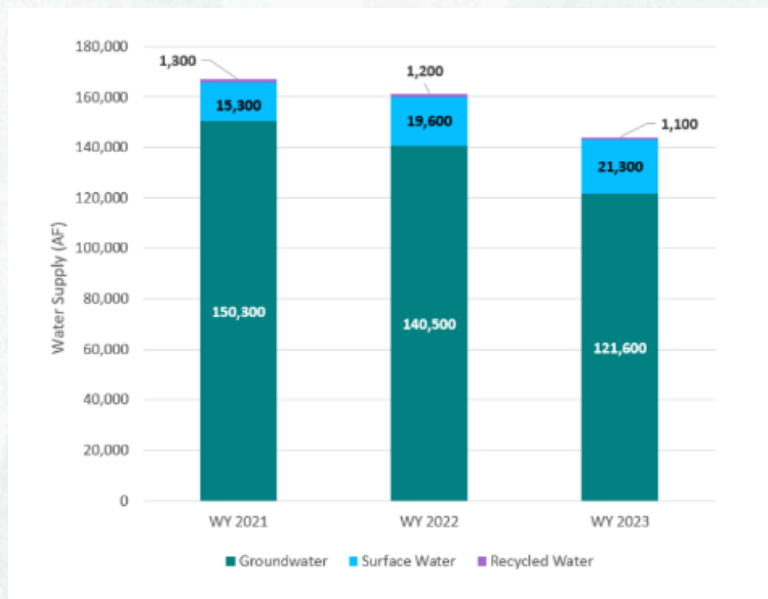
CGA staff worked with consultants at EKI Environment and Water to put together the 2023 Annual Water Report that is required every year by SGMA. In total, 44 wells were monitored as part of our network. The results found include:

Lowering Groundwater Levels: No Undesirable Results are reported. Undesirable Result is defined when minimum thresholds are exceeded in 25% or more of the RMW-WLs (5 out of 19) for two consecutive years. Minimum Thresholds (MT's) declined in two wells in the Fall but increased to above the MTs in the Spring.

Land Subsidence: No Undesirable Results reported. Estimated subsidence was between -0.1 ft and 0.1 ft and remains a low concern for the Basin.

Degraded Water Quality: No Undesirable Results reported. Undesirable Result is defined when MTs are exceeded 25% or more of the RMW-WQ (4 out of 14) for two consecutive years. One well exceeded the MT for Arsenic and one other well exceeded the MT for Arsenic and TDS.

Interconnected Surface Waters: No Undesirable Results reported. Water levels in two wells declined below the MT's in the Fall but increased to above the MTs in the Spring.



SEE THE FULL REPORT

You can read the full report at CosumnesGroundwater.org on our Outreach & Engagement page.

FARMER/RANCHER CONSERVATION OPPORTUNITIES



»»» CONSERVATION PLANS FOR YOUR FARM

One of CGA’s Groundwater Sustainability Agencies, Sloughhouse Resource Conservation District, has a free opportunity for farmers and ranchers to develop a conservation plan.

Sloughhouse RCD was recently awarded funds through the Conservation Agriculture Planning Grant Program (CAPGP) which will fund the development of various types of agricultural conservation plans. The funded plans will promote conservation efforts which will help to mitigate greenhouse gas (GHG) emissions, adapt to climate change impacts, and promote environmental and agricultural sustainability for local landowners, ranchers and farmers. Farms must be in Sacramento County or Tuolumne County (we have partnered with the Tuolumne RCD to fund a handful of plans in that county).

If you are interested, please use the form at this QR code to indicate which Conservation Planning Activity you would be interested in.



SLOUGHHOUSE MOBILE IRRIGATION LAB <<<

Sloughhouse RCD is also beginning a Mobile Irrigation Lab (MIL) as part of a CDFA Water Efficiency grant. The goal of the MIL is to provide a FREE resource to our community that helps growers achieve increased irrigation efficiency which then helps save money with water & energy costs. For interested growers, the MIL team will first ask participants to answer a questionnaire regarding farm/vineyard/orchard irrigation systems, pumps, crops, acreage, etc. Once the questionnaire is completed and submitted, the MIL team will contact you to schedule an evaluation.

During the on-site evaluation, the MIL team will collect data in the fields which will be provided to the grower in a comprehensive & confidential report. The evaluation & report will focus on the following:

- Distribution Dniforty(DU) tests (how evenly water is applied to the surface of the crop)
- Amount of water applied(application rate) during an irrigation event
- Pressure & Flows(map included)
- System recommendations(maintenance, improvements)
- Coordination of a free pump efficiency test



If you are interested in receiving a FREE irrigation system evaluation, please complete this questionnaire using this QR code to qualify.



RECENT EVENTS

»»» SPRING GROUNDWATER MONITORING

The seven Groundwater Sustainability Agencies of CGA went out in April to conduct our semi-annual groundwater monitoring. The results of these monitoring efforts will be recorded in the 2024 Annual Water Report. Early data shows that water levels either stayed at the same level as they were during Fall monitoring efforts or the water level increased by one or several feet. The winter and spring months often bring heavy rains to the Cosumnes Subbasin which improve surface and groundwater levels. No water quality testing was done for our spring monitoring but it will be conducted in the Fall.



CONTACT US

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FARMERS APPRECIATION BBQ <<<

CGA held a Luncheon BBQ on February 29 as a thank you to the farmers and ranchers in the Cosumnes Basin who continue to support the CGA. The Luncheon was a success with many new attendees and it provided a space for local farmers/ranchers to come and meet staff and partners, ask questions, fill out the farmer's survey and learn more about CGA. We served BBQ, soft drinks and desserts and had raffle prizes from local businesses such as Tractor Supply, O'Sullivan Pump Co. and Wildeye Telemetry.

The O & E Committee are in discussions about holding another event in the fall for the community so stay tuned!

UPCOMING CGA MEETINGS <<<

Location: Galt Police Department Community Room
455 Industrial Dr. Galt, CA 95632

Dates: Wednesday, June 5 from 8:30am - 11:30am
Wednesday, August 7 from 8:30am - 11:30am
Wednesday, October 2 from 8:30am - 11:30am

CGA holds regular board meetings on an every-other-month basis. Members of the public are always welcome join in-person or via Zoom (link on website), ask questions and share comments.