

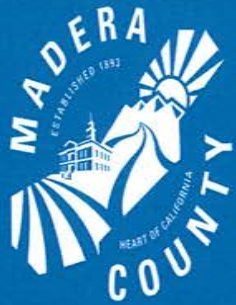
## GSA Updates July 13, 2021

- Outreach – June 16, 2021
- Interbasin Coordination – June 25, 2021
- Drought Working Group – June 25, 2021
- Water Market Simulation – ongoing



@MADERACOUNTY  
maderacounty.com





# Outreach on Allocations

- Multi-topic meeting on June 16, 2021



If you would like to stay updated on what is happening with the Madera County GSAs, please join our interested parties list!

<https://www.maderacountywater.com/join-list/>

If you would like to learn more about previous meetings, webinars, or trainings please explore the Madera County Water Website [maderacountywater.com](http://maderacountywater.com/) for links to video recordings, or PDFs of previous presentations. Previous County GSA Board of Directors meetings can also be found at: <http://maderacounty.ca.gov/2.aspx?CID=657&Default.aspx>

The Madera County Board of Supervisors serves as the official Board of Directors for the County GSAs.


200 W. Fourth Street  
Madera, CA 93627  
Phone: (559) 862-3015  
[maderacountywater.com](http://maderacountywater.com)

## Madera County GSA 5-Year Allocation Schedule

Madera County GSA: Madera Subbasin	Inches of ETAW	Madera County GSA: Chowchilla Subbasin	Inches of ETAW
2021	28.3	2021	26.7
2022	28.0	2022	26.3
2023	27.7	2023	25.9
2024	27.4	2024	25.5
2025	27.1	2025	25.1

Madera County GSA: Delta-Mendota Subbasin	Inches of ETAW
2021	19.8
2022	19.6
2023	19.3
2024	19.1
2025	18.9

**ETAW:**  
Volume of applied water that is transpired by plants and evaporated from the soil (consumptive use). Measured by satellite.



## Madera County SGMA


Madera County GSA

### Sustainable Groundwater Management Act

The Sustainable Groundwater Management Act (SGMA) was a three-bill legislative package that was signed in 2014. SGMA provides a framework for long-term sustainable groundwater management in California. Under SGMA, local and regional authorities in medium- and high-priority groundwater basins formed groundwater sustainability agencies, or GSAs. GSAs are responsible for overseeing the development and implementation of Groundwater Sustainability Plans (GSPs).

The GSPs are meant to avoid undesirable results and mitigate the effects of groundwater overdraft over 20 years. GSPs contain projects and management actions that are proposed to achieve sustainability by 2040.

The Madera County GSA serves acreage in the Madera, Chowchilla, and Delta-Mendota Subbasins. Information on the subbasins and their respective GSAs can be found on the Madera County Water Website, under the "SGMA" heading.



Grapes in Madera County

**Key Terms**

**Applied Water**  
Volume of water delivered by an irrigation system, flowing to deep percolation, runoff, and to evapotranspiration. Measured by meter.

**Sustainable Yield**  
Water that naturally exists in the subbasins from seepage and percolation.

**ETAW**  
Volume of applied water that is transpired by plants and evaporated from the soil (consumptive use). Measured by satellite.

**Transitional Water**  
Water that is continued overdraft, but allows irrigated acres to transition to lower water use.



@MADERACOUNTY  
[maderacounty.com](http://maderacounty.com)





## Interbasin Coordination

- Madera Subbasin
- Chowchilla Subbasin
- Merced Subbasin
- Delta-Mendota Subbasin
- Focus on Subsidence



@MADERACOUNTY  
maderacounty.com





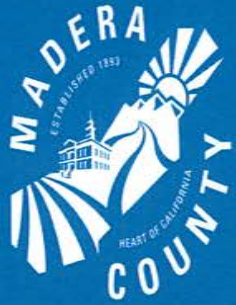
## Drought Working Group

- County and Cities
- Irrigation and Water Districts
- Office of Emergency Services
- Non-profits and other partners
- Town Hall on Self-Help's Drought Programs
  - July 20, 2021 at 3 p.m.



@MADERACOUNTY  
maderacounty.com





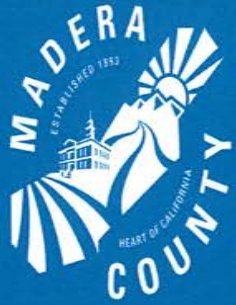
## Water Market Simulation Feedback

- “Believe the market offers the best method to allocate a scarce resource such as groundwater which is why I choose to buy and sell.
- It was absolutely necessary, this simulation is providing a glimpse into the future and allows me to think about what I need to do to survive.”
- “Great game!!! Especially if it's BOTH sides that are learning they're going to have to change and be more flexible -- but then I've learned from experience to NEVER TRUST GOVERNMENT. Hope you can prove me wrong.”
- “I am learning a lot from the pilot process and would very much like to see it implemented during the upcoming years in SGMA”
- “I wish I would have been able to run 2 different simulations, so I could have had 2 different strategies. I would have done a simulation for maximum farmable acres, and another where I just farmed the water. It would have been interesting to see the 2 different results.”



@MADERACOUNTY  
maderacounty.com





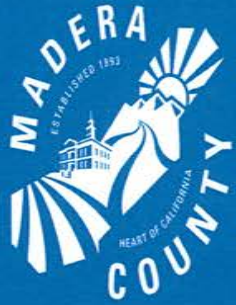
## Rate Study

- Weekly meetings with Raftelis, our rate consultant
- Multiple engineering studies are drafted for costs:
  - Recharge
  - Land Repurposing for irrigated and non-irrigated land
  - Domestic Well Mitigation



@MADERACOUNTY  
maderacounty.com





## Next Steps

- Opt-in Process to draft
- Allocation Approach needs updated Exhibit A
- Updates with rate consultant



@MADERACOUNTY  
maderacounty.com

