

# Policy of the Lower Tule River and Pixley Irrigation District Groundwater Sustainability Agencies

September 2021

## Land Fallowing Policy

The Groundwater Sustainability Plan and associated Rules and Operating Policies adopted by the Board of Directors establish actions, projects, and an implementation schedule to meet the sustainability goal in accordance with the Sustainable Groundwater Management Act (SGMA).

To effectively achieve groundwater sustainability within the GSA and the Tule Subbasin, while maintaining the agriculture operations in the subbasin, each landowner within the GSA will be allocated groundwater credits and accounted for by the GSA. These groundwater credits are placed in an individual water bank account for each landowner, allowing each landowner to decide how to manage their farm operations feasibly and economically within the rules established by the GSA and the Tule Subbasin.

The GSA wants to develop policies that incentivize and provide landowners with the flexibility to implement management practices to become sustainable. One such practice is land fallowing.

### Land Fallowing Policy

- 1) Lands that qualify as fallowed lands under this policy:
  - i) Non-Farmed facilities
    - (1) Dairy/livestock facilities
    - (2) Equipment yards
    - (3) House/shop, non-farmed lots
    - (4) Solar fields
    - (5) Other lands and facilities similar to those described above
  - ii) Voluntarily Fallowed Lands.
  
- 2) The amount of ET<sub>c</sub> charged to Fallowed Lands with Dairy/Livestock Facilities, Equipment yards, House/shop, non-farmed lots will be **0.5** Af/acre per year to cover evaporation. This amount was determined based on a study of ET<sub>c</sub> on non-farmed lands during 2019 and 2020. The amount will continue to be studied and evaluated on an annual basis.

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3) Voluntarily Fallowed Lands. In order to qualify as a voluntarily fallowed land, the landowner must comply with the following:

(1) Must sign up with the GSA to leave land fallow. Options for fallowing:

- i. Entire growing season; October 1 – September 30.
- ii. Summer fallowing; June 1 – September 30

(2) If the winter and spring turn wet, the GSA may give the landowner the option to withdraw participation in the voluntary land fallowing program for that year.

(3) The amount of ETc charged to Voluntarily Fallowed Lands will be **0** Af/acre for the time period in which the land is voluntarily fallowed.

(4) The property must be actively managed to avoid weeds growing out of control and using groundwater to thrive.

**(i) Examples:**

1. Keep disced/sprayed and free of weeds
2. Plant a cover crop
3. Cover crops must be kept mowed or grazed
4. Cover crops cannot be harvested
5. Leave winter crop stubble
6. Other management practices as deemed appropriate by the GSA

4) To further incentivize landowners to fallow land, especially in dry years, the GSA may make payments to landowners to voluntarily fallow land.

Implementation of the incentive pay, as well as amounts paid, will be reviewed annually by the Groundwater Planning Commission and the Board of Directors, and approved for implementation by the Board of Directors. Under this program, the land must be fallowed for a minimum of twelve months (either 10/1-9/30 growing season, or an entire calendar year).

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5) Implementation of the terms of this entire policy will be reviewed and determined annually by the Groundwater Planning Commission and Board of Directors. The Board of Directors reserve the right to change terms of this policy at any time.