

Chapter Three

WATER ACCOUNTING AND WATER TRANSFERS

To effectively achieve groundwater sustainability within the GSA and the Tule Subbasin, while maintaining the agriculture operations during the implementation of SGMA, each landowner within the GSA will be provided a baseline groundwater credit. These groundwater credits act as an individual water bank account for each landowner, allowing each landowner to decide how to feasibly and economically manage their farm operation within the rules established by the GSA and the Tule Subbasin.

Water Accounting:

To adequately track, monitor, and account for the water credits within the GSA, the following water budget will be established and monitored for each landowner¹ in the GSA:

Groundwater Credit Inputs:

Tule Subbasin Sustainable Yield

Landowner Groundwater Banking

Over-Application of Surface Water

Definition:

Common Groundwater available to all landowners within Tule Subbasin, defined under Subbasin Coordination Agreement

Surface Water diverted by the landowner into a specified recharge basin, credited per criteria set forth in Chapter 2: Banking at Landowner Level

Surface Water over-applied by landowner beyond crop demand, credited per criteria set forth in Chapter 1: Water Measurement and Metering

A credit or deficit for each landowner account will be accounted for on a monthly basis by the GSA.

Water Transfers:

Landowners may transfer groundwater water credits through either a direct sale or lease. The process for transferring groundwater credits is as follows:

- Groundwater credits will be tracked at a land-based level. Transfers of any credits accrued to the land requires the written approval of the landowner to transfer.

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- Groundwater credits can only be transferred by a landowner that has a positive balance in their groundwater budget. Deficit groundwater credit transferring is not allowed.
- A groundwater credit transfer is a one to one transfer within the GSA. Transfers outside the GSA are subject to the Coordination Agreement requirements for the Tule Subbasin.
- All groundwater credit transfers require formal notification (GSA approved transfer template) and approval of the GSA. The GSA will keep an account of all transfers within the GSA Water Accounting Program. The sale or lease terms of the groundwater credits is between landowners and not subject to disclosure.