Nature-Based Solutions & Agroecological Practices for Dealing with Water Scarcity

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Examples of Multibenefit Land Repurposing

RESTORED DESERT HABITAT

LOW-IMPACT SOLAR

WILDLIFE-FRIENDLY RECHARGE

ANNUAL FALLOW WITH COVER CROPS

Tule Subbasin Multibenefit Land Repurposing Program

Pixley GSA

Tule Basin Land and Water Conservation Trust

Self Help Enterprises

The Nature Conservancy

Audubon CA

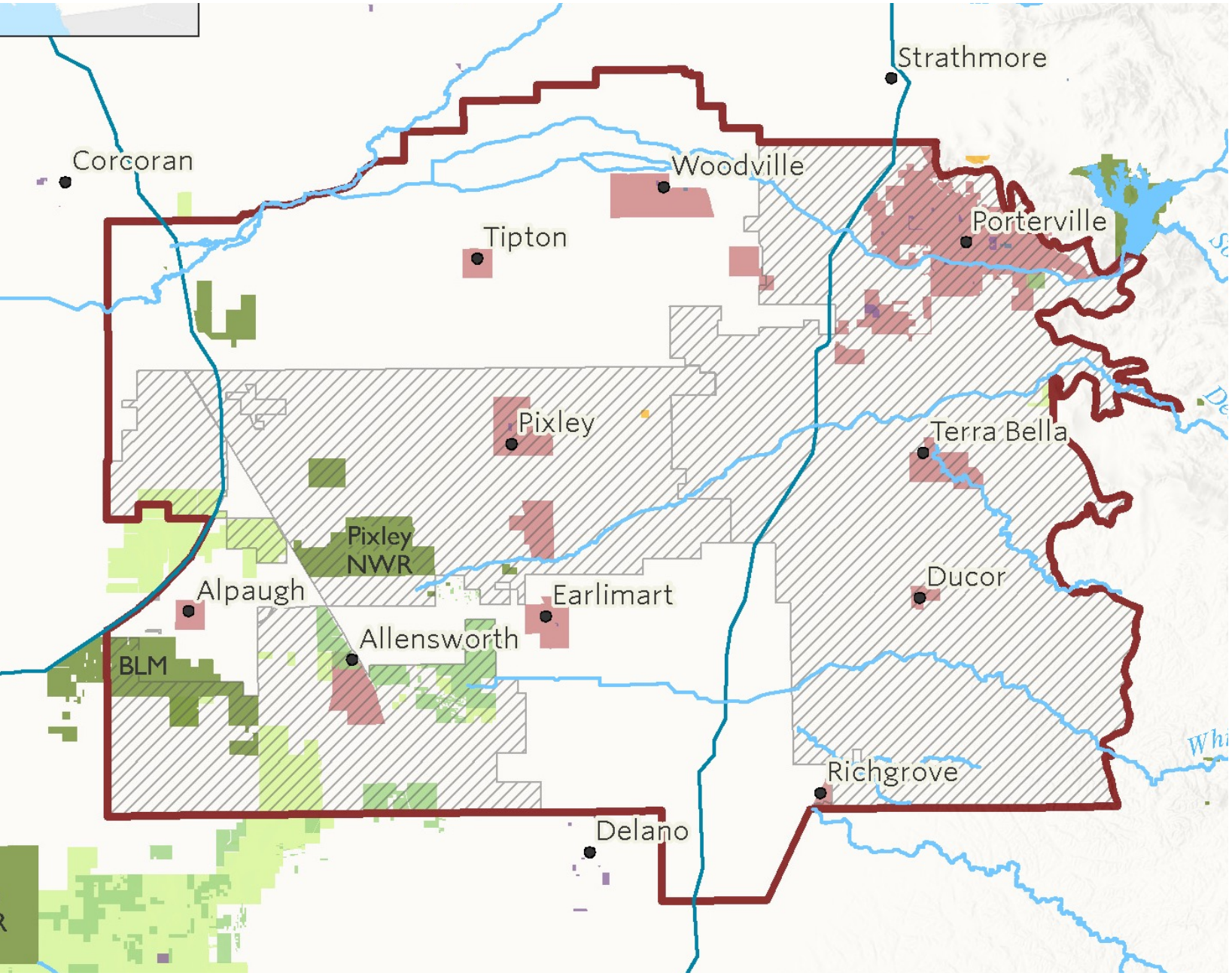
Eastern Tule GSA

TriCounty GSA

Sequoia Riverlands Trust

UC Merced

Tulare Basin Watershed Partnership Network



The Tule Subbasin needs to reduce its overdraft by an estimated 115,000 aft/year to achieve groundwater sustainability.

Tule Subbasin Priorities:

1) Building economic resiliency
2) Protect community waters
3) Ensuring ecosystem resiliency
4) Managing subsidence
5) Improve flood management
6) Manage fallowed lands

Projects

- Build recharge projects
- Water project development
- Develop habitat restoration on the Tule River or Deer Creek
- Support the Capinero Creek upland restoration project
- Develop cover cropping programs

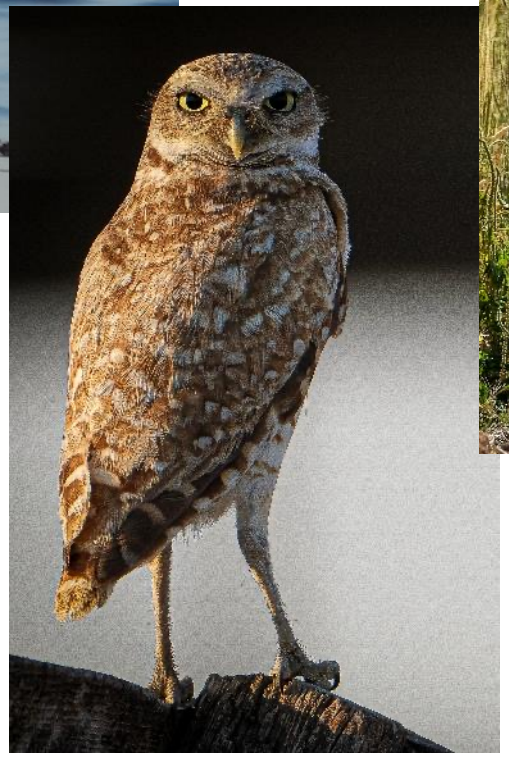
TNC's BirdReturns Groundwater Pilot

- Multi-benefit project in Merced County with local rice grower and irrigation district
- Shallow-flooded habitat conditions for 25 days
- 285 acre-feet diverted to pilot site
- Recharge estimate of 180-250 acre-feet

Greater Yellow Legs

White-Faced Ibis

Black-necked Stilt



Burrowing Owl

Great Egret

CALIWATERAG

YouTube

FLOWCODE

PRIVACY.FLOWCODE.COM

The Nature Conservancy

Thank you! Questions?

Let's Connect!

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