

MANAGE

TRACK

TRADE

MONITOR

Facilitate More Accurate Water Budgets and Simplify Water Trading

OVERVIEW

In 2019, the Environmental Defense Fund (EDF) began working with water managers and landowners in the Rosedale-Rio Bravo Water Storage District (Rosedale) with the goal of creating the first open-source water accounting and trading platform in California’s Central Valley. From the start, Rosedale and EDF envisioned expanding the platform to include other water districts in California and beyond.

The resulting Sitka-built, open-source platform enables water managers and landowners to develop more accurate water budgets, simplify water trading, and more efficiently manage water usage. The platform can be expanded with scenario analysis capabilities to analyze and minimize undesirable impact of groundwater usage via integration with Olsson’s groundwater modeling decision support tool: the Groundwater Evaluation Toolbox.

- 1 Develop more accurate water budgets
- 2 Simplify water trading
- 3 Efficiently manage water usage

“We developed this accounting and trading platform because we want to provide landowners and growers with as many tools as possible to manage their water more sustainably and balance their water budget.” – Eric Averett, General Manager, Rosedale-Rio Bravo Water Storage District

One Platform, Multiple Functions

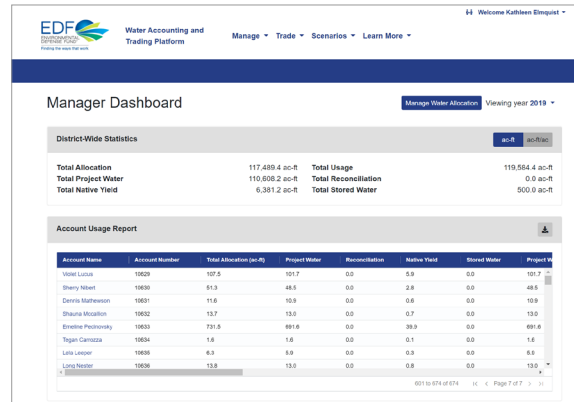


The open-source Water Accounting & Trading Platform consists of several inter-connected components to ensure landowners and water district staff have the needed information.

FOR WATER MANAGERS

With the platform, water managers can:

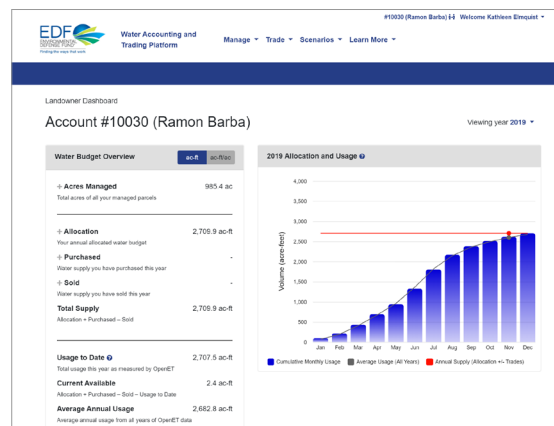
- Account for customers' water usage
- Monitor and report groundwater use
- Evaluate the hydrological impacts of groundwater pumping
- Facilitate the transfer of allocations at the request of landowners



FOR LANDOWNERS

With the platform, landowners can:

- View and manage their water budget
- Track water use over time
- Post offers to buy and sell water
- Track market metrics



GET STARTED

For organizations interested in facilitating more accurate water budgets and simplifying water trading with the Water Accounting & Trading Platform, please contact us at **1.800.805.6740** or **sales@sitkatech.com**

For more information, please visit: www.sitkatech.com/water-accounting

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