



GROUNDWATER  
ACCOUNTING PLATFORM



California Water  
Data Consortium



Environmental  
Defense  
Fund



# Groundwater Accounting Platform

Madera County GSA Committee Meeting | July 1



## Scalable, Configurable, Ready to Use



### Full Deployment:

- Rosedale-Rio Bravo WSD
- East Turlock Subbasin GSA
- Merced Irrigation & Urban GSA
- Merced Subbasin GSA

### Demos or Pilots:

- Yolo Subbasin
- Colusa Subbasin
- Pajaro Valley Water
- Pasa Robles GSAs

### Outside California:

- Upper Big Blue NRD (Nebraska)
- Twin Platte NRD (Nebraska)
- GMD3 (Kansas)



## Differentiators

- State and federal investment in scalability, user experience, support tools
- Active User Community
  - Capacity building for GSA staff and managers
  - Opportunity to cost-share for adding new functionality
- Open Source = No vendor lock-in
  - GSAs can hire any consultant to configure and build on this Platform



groundwateraccounting.org

GROUNDWATER  
ACCOUNTING PLATFORM

Water Dashboard

Geographies

Learn More

Hi, Alex Davids



Welcome to the Groundwater Accounting Platform.

Hi, Alex Davids! ([Sign Out](#))

Update Profile

View and update your user profile including email address and contact info.

Update

Guide for Growers

Review the Grower Guide to understand how the Platform can help grower's track groundwater supplies.

View Guide

Geographies

See which geographies are currently leveraging the Groundwater Accounting Platform.

Learn More

Your Water Accounts & Data

Demo

Demo Geography

View Water Accounts

#10007

Zone 4

5 Parcels

1,342.44 acres

Water Accounts (1)

Parcels (5)

ETSGSA

East Turlock Subbasin GSA

View Water Accounts

#17283

Subsidence Management Area

1 Parcels


125.65 acres


Water Accounts (1)

Parcels (1)


Claim additional Water Accounts in any participating GSA using the Water Account PIN you received in the mail.


Claim Water Accounts



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[Water Dashboard](#) 

[Geographies](#)

[Learn More](#) 

Hi, Alex Davids 

 **Water Account**  
#10007 (Big Red Toma... 

**Water Budget**


Parcels


Wells


Account Activity

Allocation Plans

Users & Settings

 Water Accounts


 Parcels

 Wells

WATER BUDGET

#10007 [Big Red Tomato Farms](#) **ZONE 4**


CALENDAR YEAR

2023 

UNITS

**ac-ft/ac** ac-ft

Data last updated through 12/31/2023

 **Water Account** **2023 Water Budget**

PARCEL AREA

1,342.44 acres (5 parcels)

CONTACT

Big Red Tomato Farms  
2222 Brundage Lane, Bakersfield, CA 93304

TOTAL GROUNDWATER SUPPLY

**3.00**


ac-ft/ac

TOTAL GROUNDWATER USAGE

**1.73**

ac-ft/ac

BALANCE





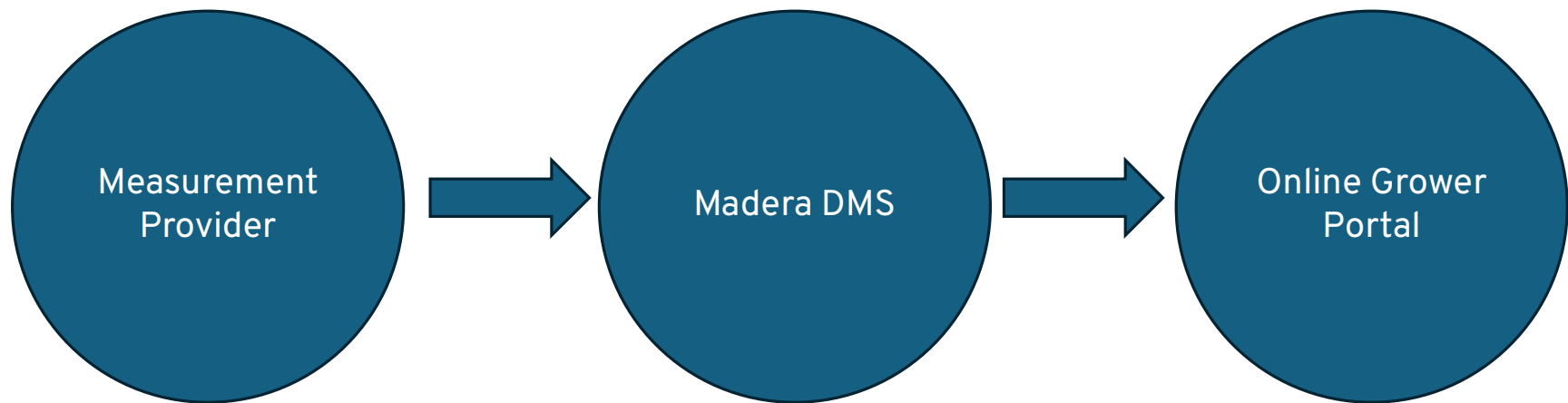
## Proposal Considerations

Reflecting on the RFP:

- “The Madera County GSAs currently have a developed and operational data management system, so development and implementation of a data management system **is not** required and/or requested.”
- “While a data management system is in place, there is no online platform for access of data in some measurement methods.”
- “There is a desire from some growers to see if the RFP could result in proposals from an online platform.”

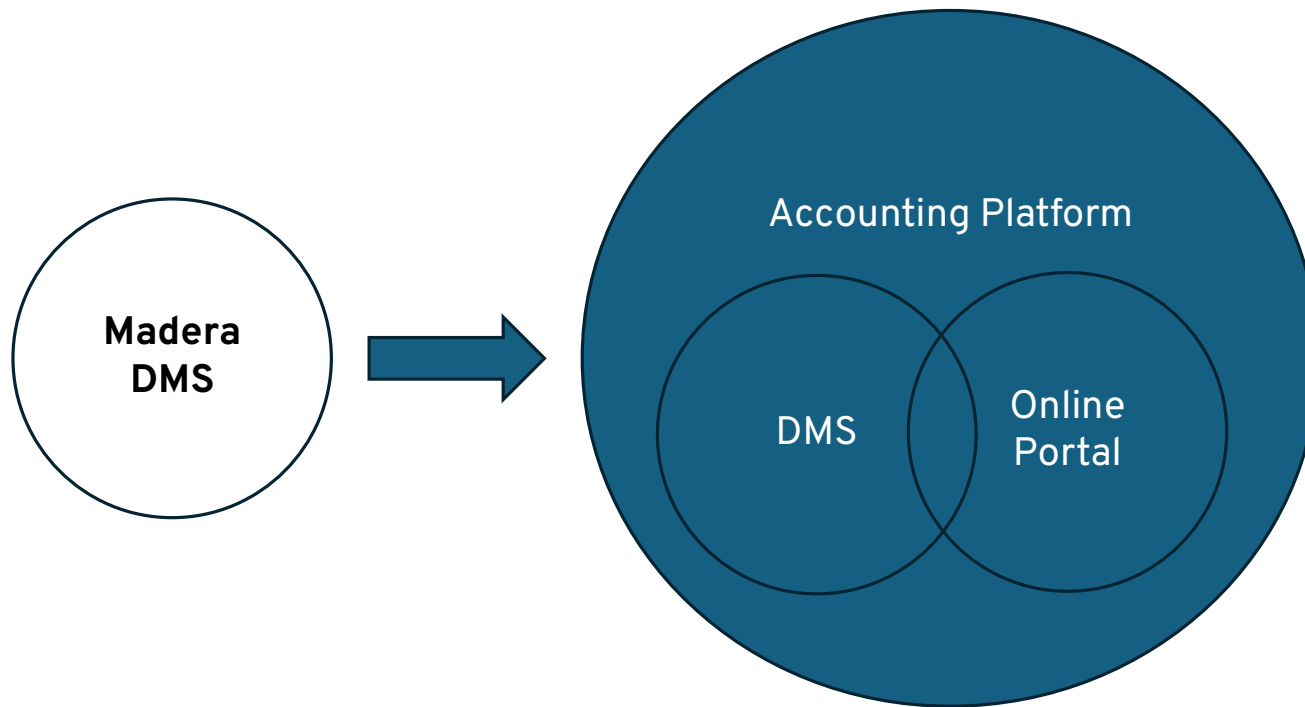
## System Design

What the RFP suggests:



## System Design

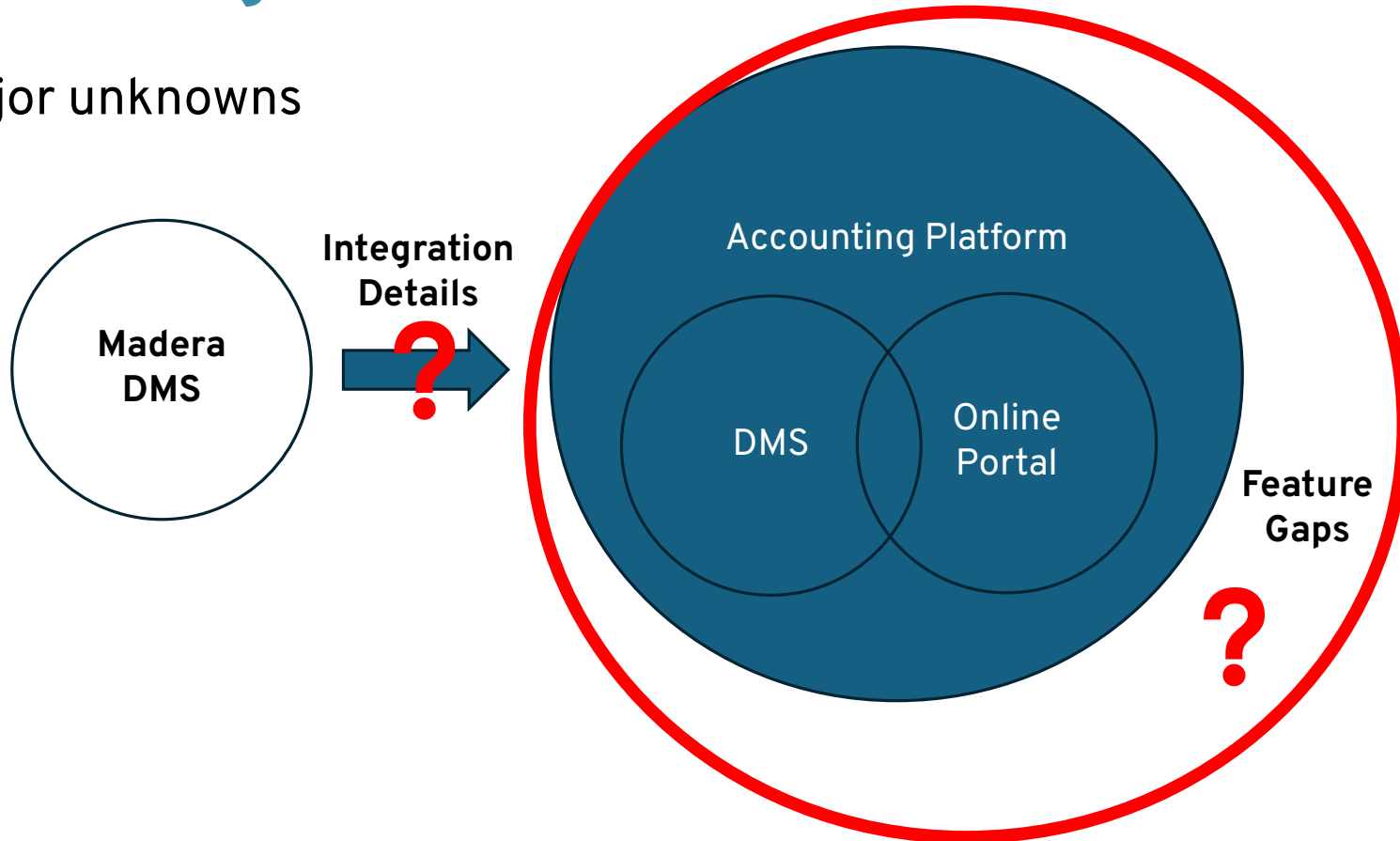
What you'll see in the proposals today:





## System Design

Two major unknowns



## Suggestions & Requests

- Define requirements for Online Portal
  - What functions do you want the portal to perform? E.g. Just reporting, or flexible form gathering, generating / displaying invoices?
- Provide data from Madera DMS to vendors to inform custom development needs
- Ask vendors for detailed design or demonstration portal to identify risks and control costs:
  - Data integration requirements
  - Additional required functionality
  - Let growers / review team compare & contrast features



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