

Groundwater Accounting Platform

The Groundwater Accounting Platform enables water managers, landowners, and water users in East Turlock Subbasin and other GSAs to track groundwater usage and supply.



| Learn more about your GSA. Learn More | View Water Level data integrated from the California State Data Portal. View Data | View additional contact information for your GSA. | | | | | | |
|--|---|---|--|--|--|--|--|--|
| The Groundwa (AGPL). It can l | The Groundwater Accounting Platform is developed using open-source software under the <u>GNU Affero General Public License</u> (AGPL). It can be redistributed and/or modified under the terms of AGPL. Source code is available on request. The Groundwater Accounting Platform is built thanks to the support and cooperation of many <u>partners and funders</u> . | | | | | | | |

Need Help? Contact ETSGSA

etsgsa-support@formationenv.com



Getting Started

To get up and running with a new User Profile on the Groundwater Accounting Platform, you need to follow four steps:



Claim Water Accounts 3





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Parcels with farm operations, use the Request

Water Account Changes button.

All Water Accounts

Water Accounts is the central hub for all of your water data. View your Water Accounts, Parcels, and Wells.

What is a Water Account? A water account is a group of parcels whose water supply and usage are pooled together.



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Request Water Account Changes

Use this form configure and edit your Parcels and Water Accounts.

| | groundwateraccou | nting.org Č | ŵ + M | | |
|---|---|---|-----------------------|---|---|
| GROUNDWATER <u>№</u> " Water D | Dashboard 🗸 🚯 Geographies 👩 Learn More 🗸 | | 💄 Hi, Alex Davids 🗸 | | My Water Accounts: All Water Accounts |
| Configure and edit your Water A What is a Water Account? A way | Account Changes Accounts, and submit a request for approval of changes. ater account is a group of parcels whose water supply and | usage are pooled together. | geography ETSGSA ~ | | associated with your User Profile will be shown here. Note, if you have Water Accounts in multiple GSAs you will only see the Water Accounts for the currently selected GSA. |
| Parcels to Remove O parcels to be removed D | Image: My Water Accounts (2) A ETSGSA Image: My Water Accounts (2) Ima | ETSGSA St #17284 Turlock Airport CITY OF TURLOCK 156 S BROADWAY #110 TURLOCK CA 95380 (Edit) B 0 042-030-028 | Consolidate Accounts | B | Edit Water Account: Use the Edit link to update the Contact Name and Address for a Water Account. You can also give each account a name to help easily identify it. |
| | Turlock Airport | Turlock Airport | | C | Consolidate Accounts: Use this button to consolidate all your Parcels into a single Water Account. |
| | | | | D | Parcels to Remove: Any Parcels that you no longer own or are authorized to manager can be dragged to the "Parcels to Remove" section. |
| | This account has I parcel. | E Submit Request | Reset Cancel | E | Submit Request: When you have configured your Parcels as you like use this button to submit changes to the GSA. |

way to bring all your Parcels into a single Water Account. Due to actual ownership of Parcels and variances in Tax Assessor records, you may receive many PINs and have many accounts to manage. The Consolidation Summary shows what your accounts will look like after consolidation.

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Consolidate: Click the Consolidate Accounts button to confirm all Parcels should be merged into a single Water Account. Note that all Parcels in a single Water Account will have their supply and usage pooled together. You may prefer to maintain separate Water Accounts if you are authorized to manage Parcels for distinct farming operations whose water usage should not be pooled for accounting purposes.



i Note If you need to add a Parcel(s) to a Water Account you do not have the PIN for, please contact ETSGSA for support.



Water Account Detail

The Water Budget tab is the most up-to-date, at-a-glance view of your supply and usage data.



| Water Mea | suren | nents | | | | | | | Sho | w Measu | rement p | er: Wa | ater Acco | unt F | Parc |
|------------------------|-------|--------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|-------|
| | | | | | | | | | | | | | | | |
| Search grid | | | | | | | | | | | | | | Clear I | ilter |
| Measurement T | То 🕇 | Νον τ | Dec T | Jan T | Feb T | Mar T | Apr T | May T | Jun T | Jul T | Aug T | Sep T | Oct T | м т | Are |
| Land IQ ETa | 1.39 | 0.03 | 0.02 | 0.07 | 0.15 | 0.27 | 0.36 | 0.20 | 0.06 | 0.10 | 0.07 | 0.06 | - | ET | 76.8 |
| Land IQ Precip | 1.28 | 0.04 | 0.15 | 0.35 | 0.33 | 0.19 | 0.16 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | - | Precip | 76. |
| Effective Precip | 0.90 | 0.03 | 0.11 | 0.24 | 0.23 | 0.13 | 0.11 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | - | Calculate | 76.8 |
| Merced Irrigation Dis | 0.00 | - | | - | - | - | - | ÷ | | - | | - | - | Surface V | 76. |
| Turlock Irrigation Dis | 0.00 | - | - | - | - | - | - | - | - | - | - | - | - | Surface V | 76.8 |
| Ballico-Cortez Surfac | 0.00 | - | - | - | - | - | - | - | - | - | - | - | - | Surface V | 76.8 |
| Riparian Water | 0.00 | - | - | - | - | - | - | - | - | - | - | - | - | Surface V | 76. |
| Other Surface Water | 0.00 | - | - | - | - | - | | - | - | | 2 | - | - | Surface V | 76. |
| Consumed Groundwa | 0.50 | 0.00 | -0.08 | -0.17 | -0.08 | 0.14 | 0.25 | 0.15 | 0.06 | 0.10 | 0.07 | 0.06 | - | Calculate | 76.8 |

Precipitation. Note that early in the Reporting In months with no irrigation the Effective Precipitation will be greater than ET and is displayed in the chart as zeros. As the irrigation season progresses and ET exceeds Effective Precip the chart will display positive values.

Water Measurements: View the detailed Water Measurements for this Water Account. Each measurement represents a separately accounted "bucket" of water. Data can be viewed Parcel-by-Parcel or for the total account. There are many measurements defined for ETSGSA, including buckets for Surface Water delivery.

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Note If you do not receive surface water, ET minus Effective Precip is ETSGSA's estimate for consumed groundwater.





Parcel Detail

The Parcel Detail page provides a summary of a parcel, including ownership, classification, field boundaries, and water measurements.



