



WATERMARK GROWER GUIDE

Using Watermark

Step by step, with screenshots

Mid-Kings River GSA · Grower Workshop · October 13, 2026

Prepared for: Landowners and growers in the Mid-Kings River GSA

Prepared by: MLJ Environmental

Website: watermark.mljenvironmental.com

What this guide covers

- How to sign in and pick the water account you want to work on.
- How to track your water use through the year on the Dashboard.
- Where to see your LandIQ data on the Water Use page.
- How to enter surface water deliveries.
- How to enter monthly extraction volumes for your wells.
- How to export the two GEARS files from Watermark.
- Where to find and print your water account statement.

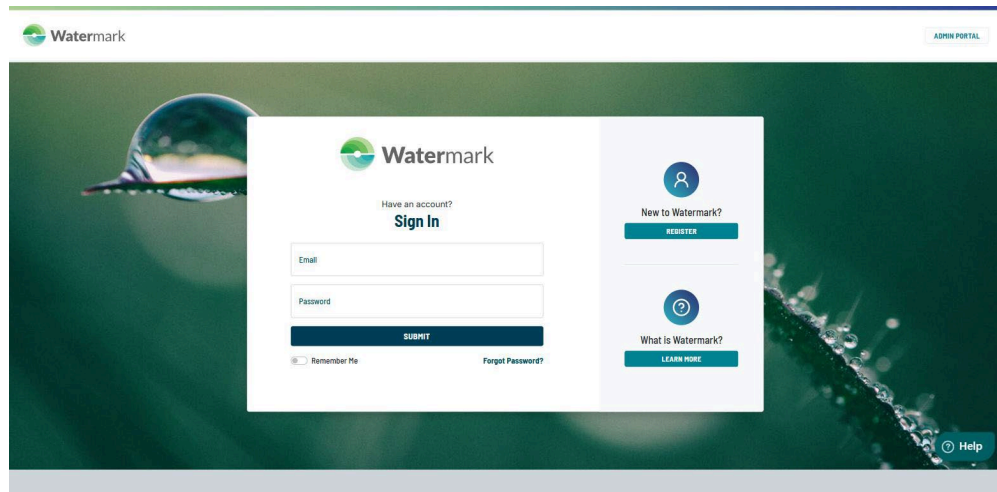
About the screenshots

The pictures in this guide were taken on a test account with example data for Water Year 2026 (October 2025 to September 2026). Your own pages will show your parcels, wells and numbers. The layout and the buttons are the same.

1. Before you start

Sign in

1. Go to watermark.mljenvironmental.com in your web browser.
2. Enter the email address and password you registered with, then click Submit.
3. Forgot your password? Click "Forgot Password?" under the sign-in form and follow the email you receive.



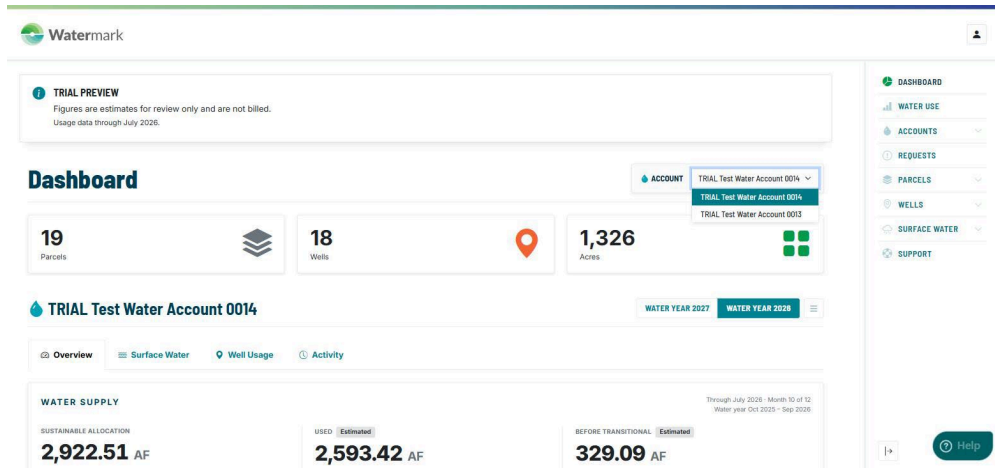
The Watermark sign-in page. Growers use the form on the left; the Admin Portal button is for GSA staff.

First time here?

If you do not have a Watermark login yet, click Register on the sign-in page. You will need the verification code the GSA mailed to you to claim your parcels.

Pick the water account you want to work on

Everything in Watermark is organized by water account. If you own or manage more than one account, use the Account dropdown near the top of each page to switch. The dashboard, water use figures, deliveries and wells all change to match the account you choose.



The Account dropdown lists every water account you own or that has been shared with you.

Water years

Watermark tracks water by water year, which runs from October 1 to September 30. Water Year 2026 covers October 2025 through September 2026. Water Year 2027 started on October 1, 2026. Most pages have a year selector so you can look back at a previous year.

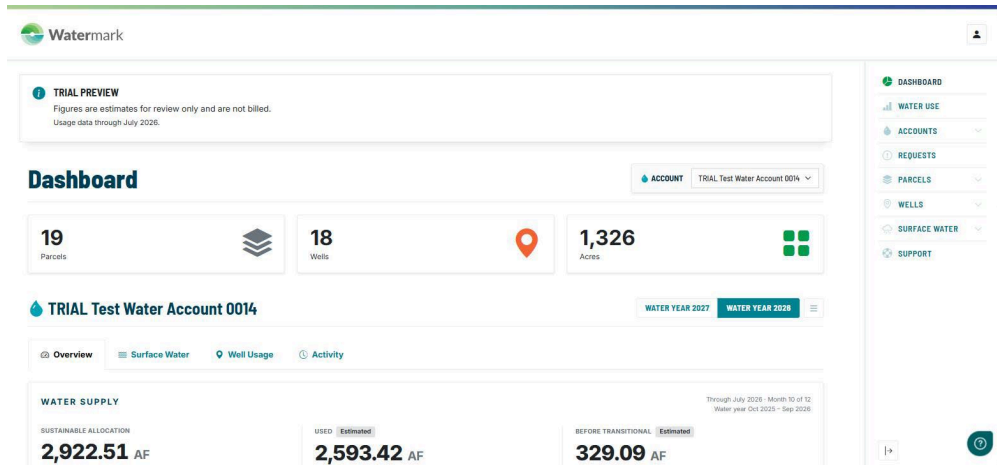
A note about "Estimated" and "Trial Preview" labels

Some figures carry an Estimated badge. These are calculated from satellite data and your reported entries, and they can change as the GSA reviews data. A Trial Preview banner at the top of a page means the figures are for review only and are not billed.

2. Track your water use through the year

The Dashboard is the first page you see after signing in. It gives you a running picture of how much water your account has used against its allocation, and it updates each month as new data comes in.

1. Click Dashboard in the menu on the right.
2. Check the Account dropdown shows the account you want.
3. Click the water year button you want to see. The current year is selected by default; click Water Year 2026 to look at the year just finished.



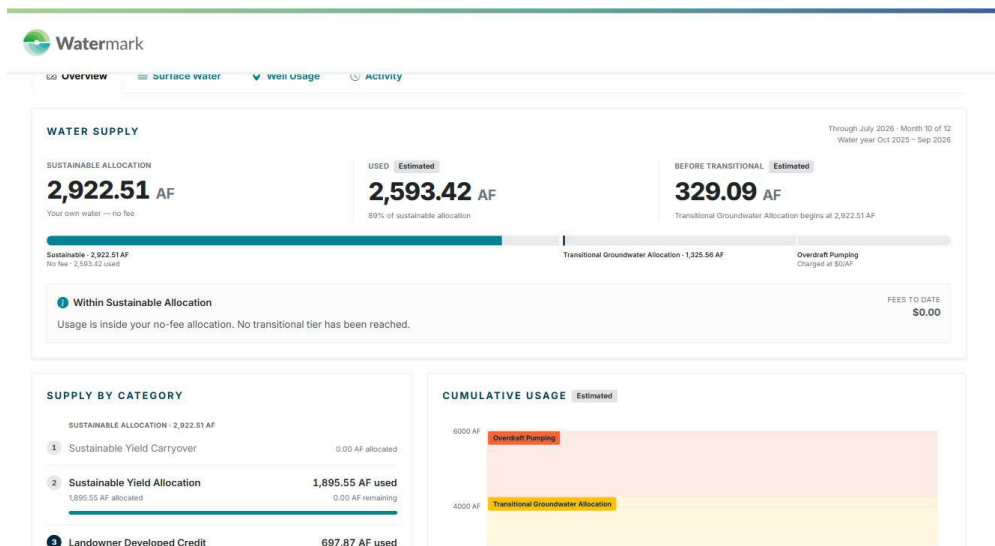
The Dashboard with Water Year 2026 selected. The three tiles count your parcels, wells and acres.

Water Supply

Scroll down to the Water Supply panel. It shows three headline numbers for the water year so far:

- **Sustainable Allocation.** The water you can use in the year.
- **Used.** How much of it you have used so far, and what share that is of the allocation.
- **Before Transitional.** How much sustainable water you have left before the transitional tier.

The bar under the numbers shows where you stand across the sustainable, transitional and overdraft tiers. A message under the bar tells you which tier you are in.



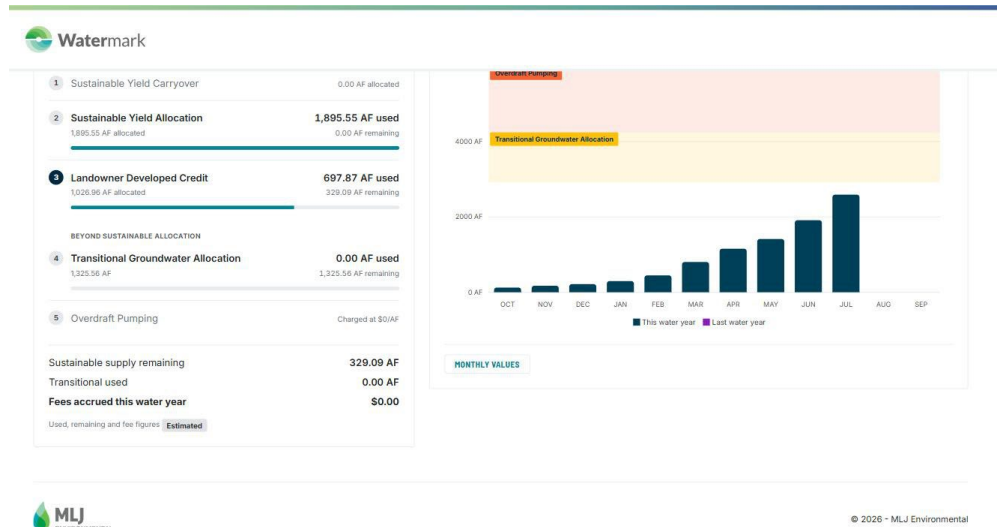
The Water Supply panel. This example shows 2,593.42 AF used of a 2,922.51 AF sustainable allocation.

Supply by Category

Below Water Supply, the Supply by Category list breaks the allocation into its parts, in the order Watermark draws them down. Each line shows how much was allocated, how much is used and how much remains.

Cumulative Usage chart

To the right of Supply by Category, the Cumulative Usage chart plots your running total month by month against the allocation tiers. The bars grow through the year; when a bar crosses into the shaded bands you have moved into the transitional or overdraft tier. Click Monthly Values under the chart to see the numbers behind it.

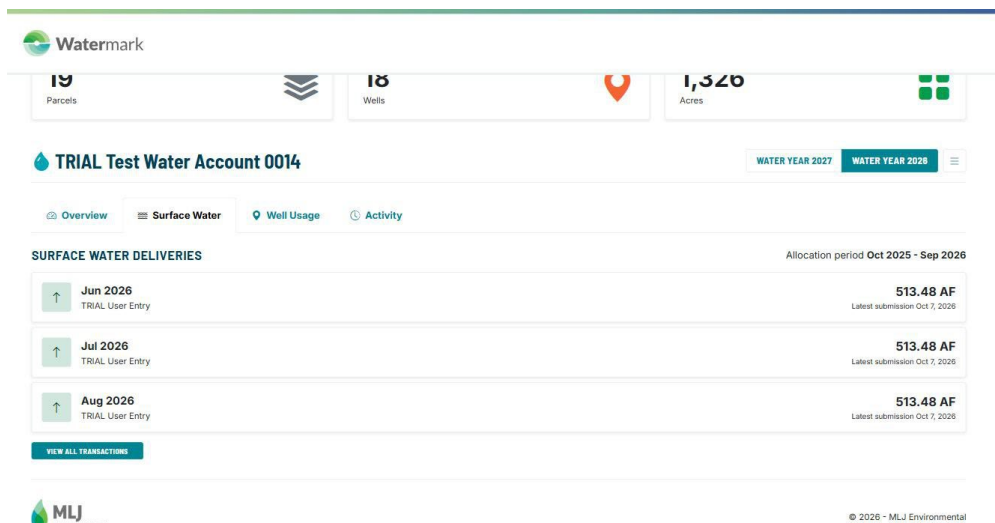


Supply by Category on the left, with the totals under the list. Cumulative usage for Water Year 2026 on the right, with shaded bands for the transitional and overdraft tiers.

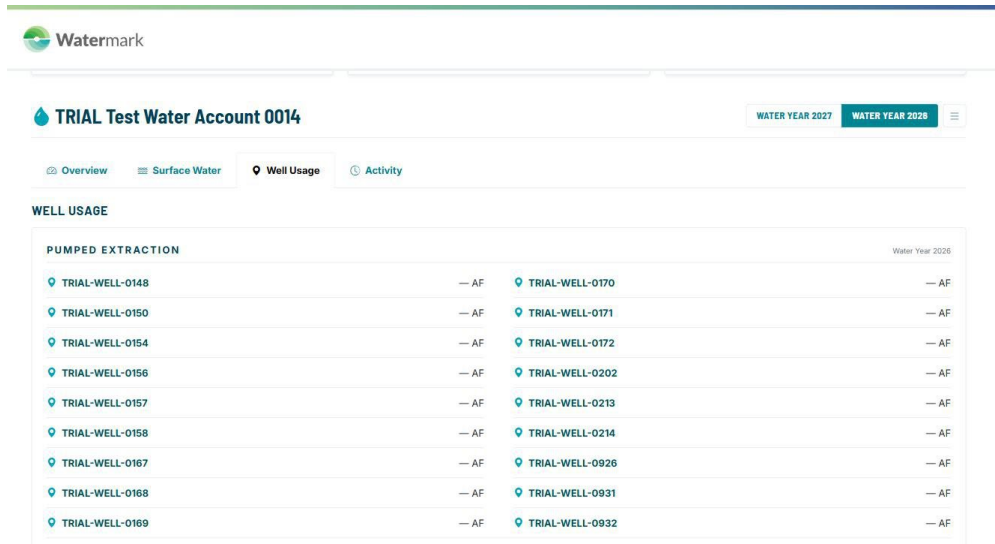
Surface Water and Well Usage tabs

The tabs above the Water Supply panel give you two more views for the same water year:

- **Surface Water** lists the surface water deliveries recorded for the account, month by month, with a View All Transactions button.
- **Well Usage** lists each well on the account with the volume pumped, and a View Extraction Reporting button that takes you to the entry pages described in section 5.



The Surface Water tab. This account has 513.48 AF on record for each of June, July and August 2026.



The Well Usage tab lists every well and the total pumped for the year.

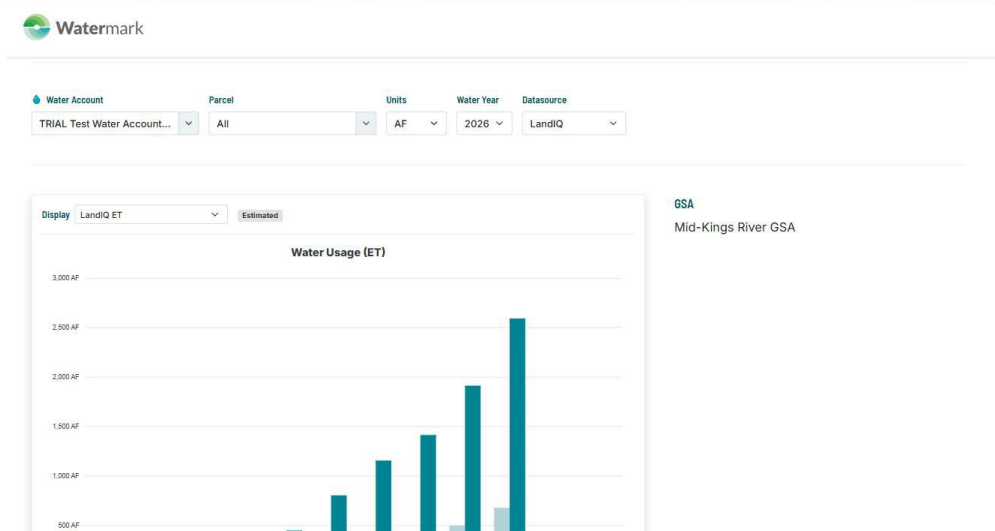
Tip: check in once a month

New satellite data, surface water records and well readings are added each month. A quick look at the Dashboard after you enter your monthly readings shows where you stand before the GSA runs its monthly calculation.

3. See your LandIQ data

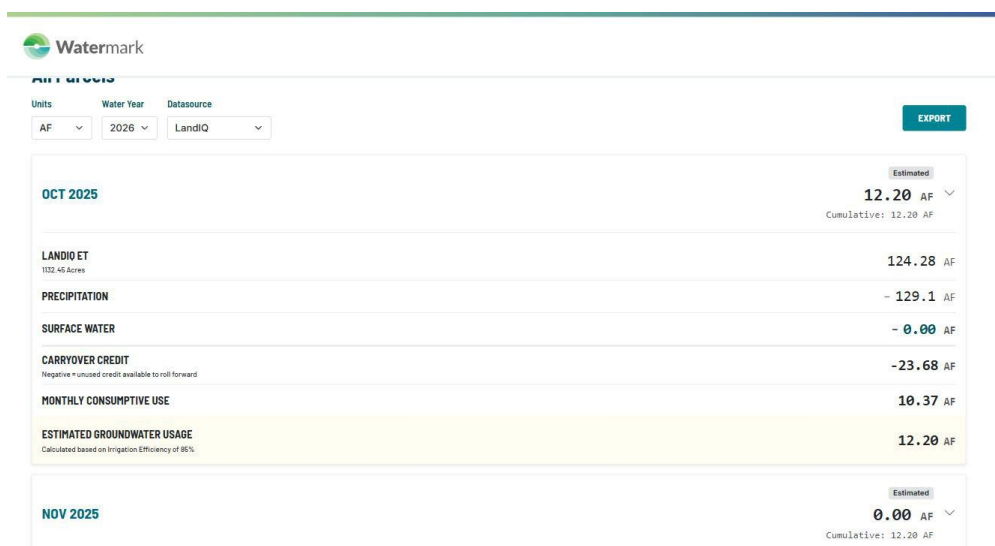
LandIQ is the satellite based estimate of crop water use (evapotranspiration, or ET) for each parcel. Watermark uses it, together with rainfall and your surface water deliveries, to estimate groundwater use when a well has no meter reading. The Water Use page is where you can see it.

1. Click Water Use in the menu on the right.
2. At the top of the page, check the Water Account, pick the Water Year, and make sure Datasource is set to LandIQ.
3. Leave Parcel blank to see the whole account, or pick a single parcel to narrow the chart and the list.



The filters and the Water Usage (ET) chart. Lighter bars are the monthly value; darker bars are the running total.

4. Scroll down to All Parcels. Each month is listed with its estimated use and the cumulative total for the year.
5. Click the arrow at the right of a month to open the breakdown for that month.



The screenshot shows the Watermark interface with filters set to Units: AF, Water Year: 2026, and Datasource: LandIQ. The table displays the breakdown for October 2025. The table has columns for the month, the breakdown item, and the value in AF. The cumulative total for the year is 12.20 AF.

Month	Breakdown Item	Value (AF)
OCT 2025	LANDIQ ET	124.28
	PRECIPITATION	-129.1
	SURFACE WATER	-0.00
	CARRYOVER CREDIT	-23.68
	MONTHLY CONSUMPTIVE USE	10.37
	ESTIMATED GROUNDWATER USAGE	12.20
	Cumulative: 12.20 AF	
NOV 2025		

October 2025 expanded. The breakdown shows how the parcel-level groundwater estimate was reached.

The breakdown for a month reads from top to bottom:

- **LandIQ ET.** Crop water use measured by satellite, with the acreage it covers.

- **Precipitation.** Rainfall that met part of the crop demand, subtracted from ET.
- **Surface Water.** Deliveries you reported for that month, subtracted from ET. This is why entering deliveries matters (section 4).
- **Carryover Credit.** Unused credit from earlier months. A negative value means credit is available to roll forward.
- **Monthly Consumptive Use.** What the crop actually consumed after the deductions above.
- **Estimated Groundwater Usage.** The groundwater needed to meet that use, allowing for irrigation efficiency.

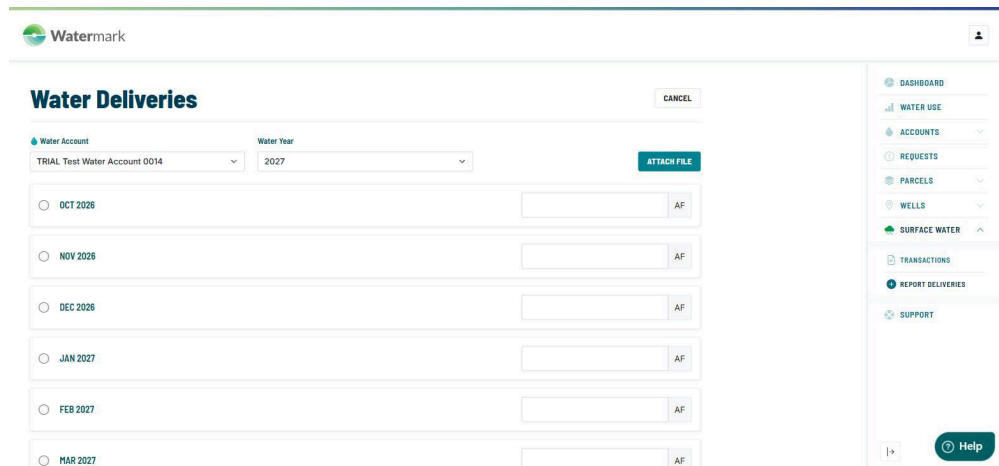
Other data sources

The Datasource dropdown also offers Pumping Inputs (your own well readings) and Mixed. When a well has a meter reading for a month, Watermark uses the reading instead of the LandIQ estimate for that well.

4. Enter surface water deliveries

Surface water you receive from a district or canal is credited against your use. Watermark only knows about a delivery if it is recorded, so enter your deliveries each month.

1. Click Surface Water in the menu on the right, then Report Deliveries. (The other item, Transactions, shows what is already on record.)
2. Check the Water Account and pick the Water Year at the top of the Water Deliveries page.
3. Type the delivered volume in acre-feet (AF) in the box next to each month you received water. Leave months with no delivery blank.
4. Click Attach File to add a delivery statement or receipt from your district. This helps the GSA approve the entry.



The Water Deliveries page for the current water year, ready for entry. Type a volume next to each month you received water.

5. Check the Total at the bottom of the page, then click Submit.



Month	Amount	Status
APR 2027		AF
MAY 2027		AF
JUN 2027		AF
JUL 2027		AF
AUG 2027		AF
SEP 2027		AF

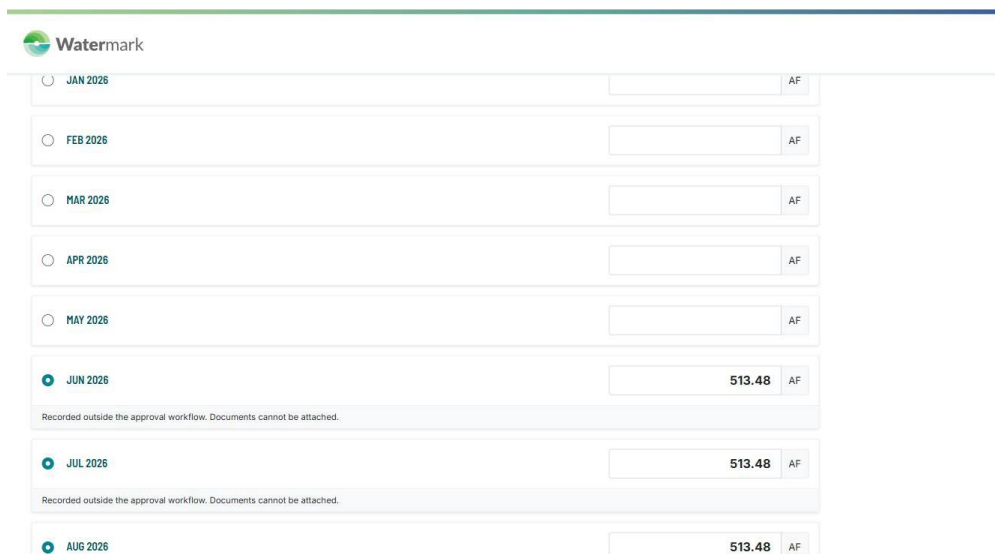
SUBMIT **CANCEL**

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The running total and the Submit button at the bottom of the page.

The dot next to each month tells you the status of that entry:

- **Yellow:** submitted and waiting for the GSA to review.
- **Teal:** on record. The delivery is counted against your use.
- **Empty:** nothing entered for that month yet.



Month	Amount	Status
JAN 2026		AF
FEB 2026		AF
MAR 2026		AF
APR 2026		AF
MAY 2026		AF
JUN 2026	513.48	AF
Recorded outside the approval workflow. Documents cannot be attached.		
JUL 2026	513.48	AF
Recorded outside the approval workflow. Documents cannot be attached.		
AUG 2026	513.48	AF

Water Year 2026 for the same account. The June, July and August deliveries are on record and marked with a teal dot.

- To review what is on record for an account, click Transactions in the Surface Water menu. Each month lists its entries and the total credit.

Surface Water Deliveries

ACCOUNT TRIAL Test Water Account 0014

Search deliveries...

August 2026

TRIAL USER ENTRY

+

Total Return Flow Credit: 513.48

July 2026

TRIAL USER ENTRY

+

Total Return Flow Credit: 513.48

June 2026

TRIAL USER ENTRY

+

Total Return Flow Credit: 513.48

1 2 3 4

The Transactions page for Water Year 2026.

Enter deliveries before you export for GEARS

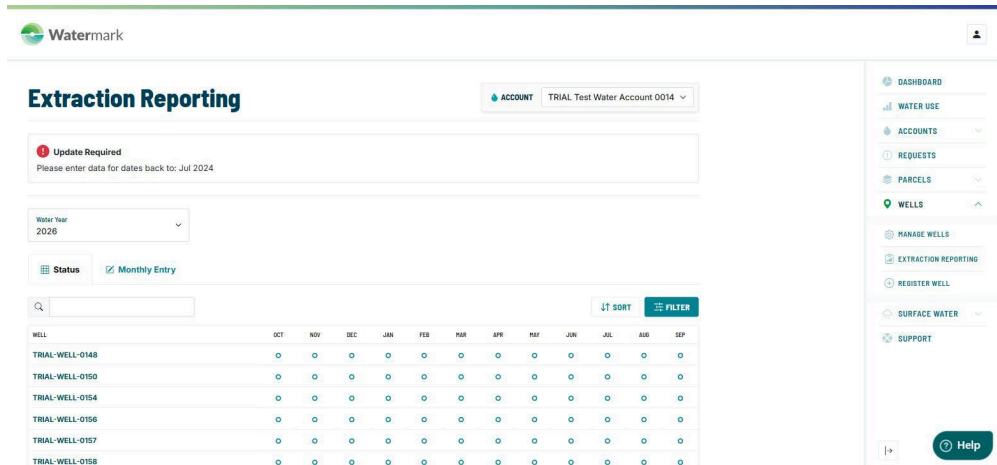
The GEARS compatible export in section 6 uses your recorded surface water deliveries. Enter and submit your deliveries first so the export is complete.

5. Enter monthly extraction volumes

Extraction Reporting is where you enter how much groundwater each well pumped. It is organized by month, so you can see at a glance which months are still open and enter every well for a month on one page.

Check what is due

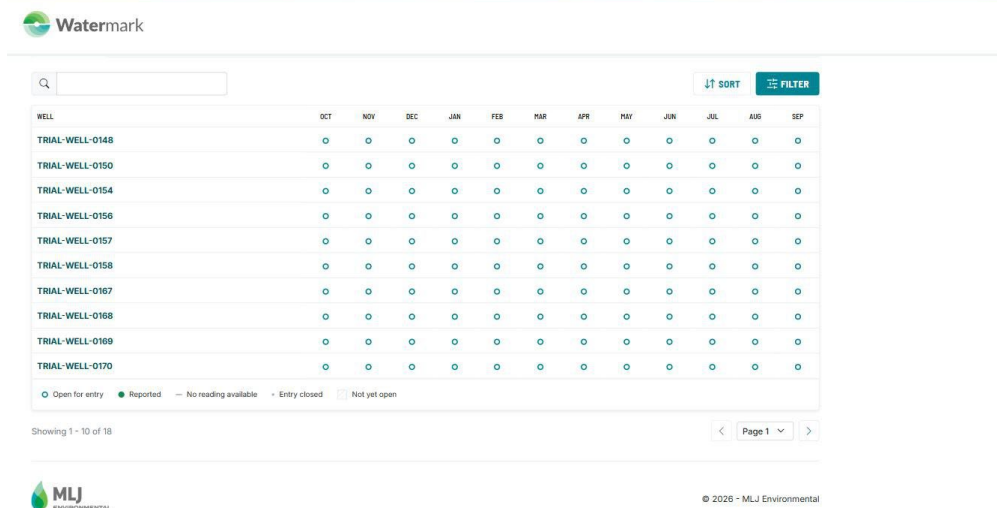
1. Click Wells in the menu on the right, then Extraction Reporting.
2. Read the Update Required box. It tells you how far back the GSA needs readings.
3. Pick the Water Year. The Status tab shows a grid of your wells by month.



The Status tab of Extraction Reporting with Water Year 2026 selected.

The symbols in the grid tell you where each well stands:

- **Open circle:** the month is open and needs a reading.
- **Filled green circle:** a reading has been reported.
- **Dash:** you marked the month as having no reading available.
- **Dot:** the month is closed to entry. Not yet open means the month has not started.



The status grid. Every month on this account is still open for entry. The legend under the grid explains each symbol.

Enter readings for a month

4. Click the Monthly Entry tab.
5. Pick the Water Year and the Month you are reporting.

Extraction Reporting

ACCOUNT TRIAL Test Water Account 0014

Update Required

Please enter data for dates back to: Jul 2024

Water Year

2026

Month

Sep 2026

Status

Monthly Entry

Search

Sort

Filter

ATTACH FILE

TRIAL-WELL-0148

No reading available

AF

TRIAL-WELL-0150

No reading available

AF

TRIAL-WELL-0154

No reading available

AF

The Monthly Entry tab with the Water Year and Month selectors.

- For each well, type the volume pumped that month in acre-feet (AF). If a well was not read that month, tick "No reading available" instead.
- Click Attach File to add a meter photo or log sheet if you have one.
- Click Save Readings at the bottom of the page. The Status grid updates to show the month as reported.

TRIAL-WELL-0202

No reading available

AF

TRIAL-WELL-0213

No reading available

AF

TRIAL-WELL-0214

No reading available

AF

TRIAL-WELL-0926

No reading available

AF

TRIAL-WELL-0931

No reading available

AF

TRIAL-WELL-0932

No reading available

AF

SAVE READINGS

The Save Readings button at the bottom of the Monthly Entry page.

Meter readings take priority

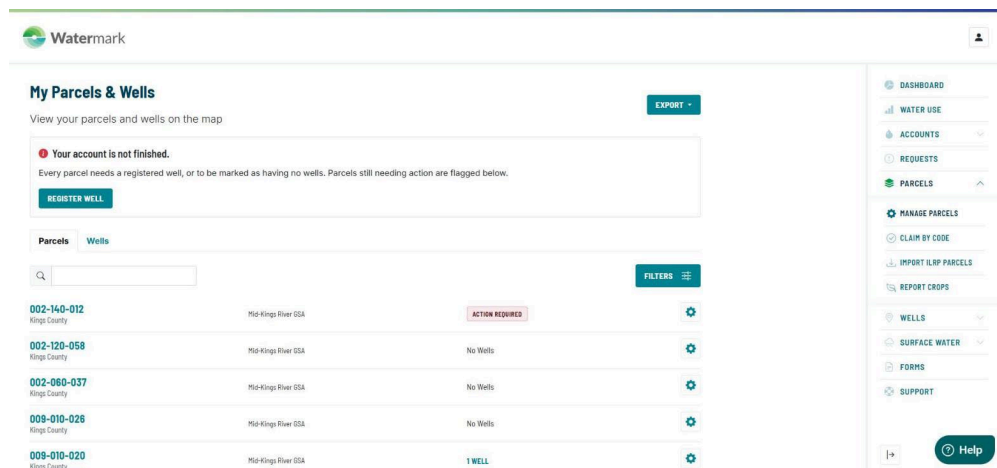
When a well has a saved reading for a month, Watermark counts that reading instead of the LandIQ estimate for that well. Entering readings every month keeps your water use figures accurate.

6. Export GEARS files

GEARS is the State Water Board's Groundwater Extraction Annual Reporting System. Watermark produces two files you can use when you file your GEARS report: a well list from the Parcels page and a usage export from the Water Use page.

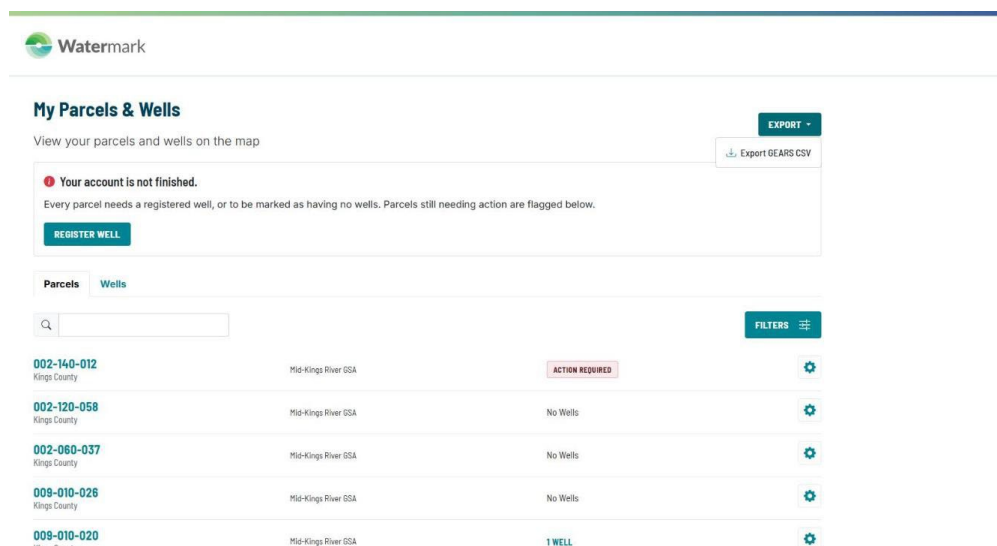
Well list: Export GEARS CSV

1. Click Parcels in the menu on the right, then Manage Parcels.
2. Check the Account dropdown shows the account whose wells you want.
3. Scroll down to My Parcels & Wells and click the Export button on the right.



The Export button sits beside the My Parcels & Wells heading.

4. Click Export GEARS CSV. A file named GEARS_Well_Export.csv downloads to your computer.



The Export menu with the Export GEARS CSV option.

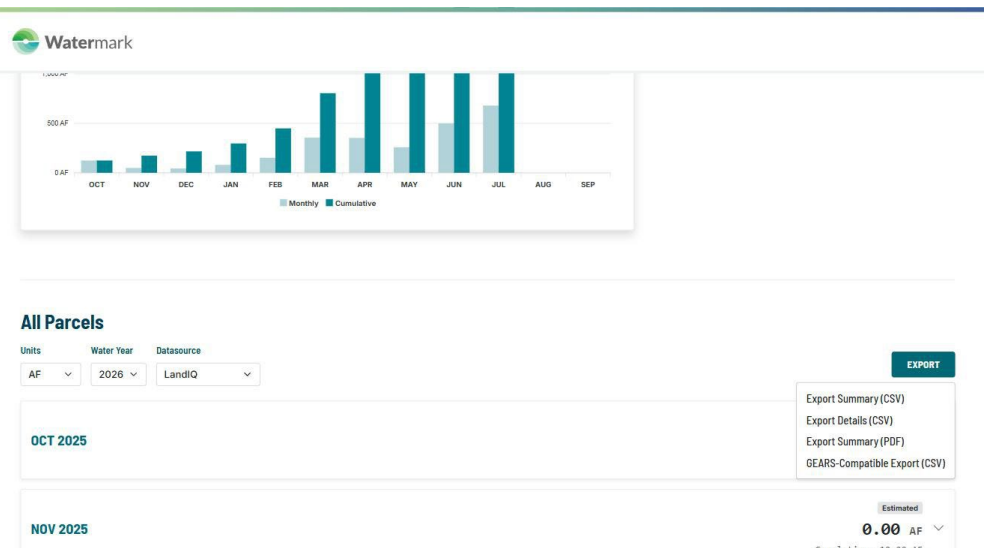
No Export button?

The Export button only appears once the account has at least one registered well. Use the Wells tab, or Register Well, to add your wells first.

Usage export: GEARS-Compatible Export

Do this after you have entered your surface water deliveries (section 4) and your extraction readings (section 5), so the export reflects everything on record.

5. Click Water Use in the menu on the right.
6. Pick the Water Account and the Water Year you are reporting.
7. Scroll down to All Parcels and click the Export button on the right.
8. Click GEARS-Compatible Export (CSV). The file downloads to your computer.



The Export menu on the Water Use page. The GEARS-Compatible Export is the last item.

The same menu offers a summary CSV, a detail CSV and a PDF summary if you want a copy of your usage for your own records.

7. Find your water account statement

Watermark keeps one statement per water account per water year. It brings together your allocation, credits, month by month usage and remaining balance on one page that you can print or download.

1. On the Dashboard, click the three-line menu button and choose Water Account Statement.
2. The statement for that year opens. Use Print or Download at the top right to keep a copy.

- Click All Statements at the top of the statement to see every water year for the account, with months posted, usage to date and remaining supply. Click View Statement on any year to open it.



1 TRIAL PREVIEW
Figures are estimates for review only and are not billed.
Usage data through July 2026.

Water Account Statements

TRIAL Test Water Account 0014
One statement per water year. Select a year to view, print or download it.

Water Year 2027 Oct 2026 – Sep 2027 51-28735-WY2827	No months posted yet				VIEW STATEMENT
Water Year 2026 Oct 2025 – Sep 2026 51-28735-WY2826	MONTHS POSTED 10 of 12 Water year closed	USAGE 2,583.42 AF	REMAINING 1,654.65 AF	FEES \$0.00	VIEW STATEMENT

Usage, remaining and fee figures **Estimated**


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The Water Account Statements list. Water Year 2026 is closed with 10 of 12 months posted; Water Year 2027 has no months posted yet.



19
Parcels



18
Wells



1,326
Assessed Acres



ALLOCATION & CREDITS

Sustainable Yield Carryover Unused sustainable yield (Base) allocation carried forward from the prior water year, subject to the GSA's carryover cap and expiration policy.	0.00 AF allocated 0.00 AF used 0.00 AF remaining
Sustainable Yield Allocation The GSA's sustainable yield allocation granted for the water year, calculated from eligible parcel acreage and the configured per-acre rate.	1,895.55 AF allocated 1,895.55 AF used 0.00 AF remaining
Landowner Developed Credit Landowner-developed or banked water credited to the account, such as recharge, surface water delivery, or credit transferred from another account.	1,026.96 AF allocated 697.87 AF used 329.09 AF remaining
Transitional Groundwater Allocation Temporary declining allocation granted during the ramp-down to sustainable yield; zero for accounts that are not in good standing.	1,325.56 AF allocated 0.00 AF used 1,325.56 AF remaining
Overdraft Pumping Pumping in excess of all available allocation and credits; drives the overuse charge and the following water year's carryover reduction.	0.00 AF allocated 0.00 AF used 0.00 AF remaining
Total Supply	4,248.07 AF

Allocations for each Water Year (WY) number shown. 1 total total sustainable allocation. [View Allocation](#)

The Allocation and Credits section of a statement lists each category in deduction order with allocated, used and remaining amounts.



Overdraft Pumping		0.00 AF allocated
Pumping in excess of all available allocation and credits; drives the overuse charge and the following water year's carryover reduction.		0.00 AF used 0.00 AF remaining
Total Supply		4,248.07 AF
Allocation is set for the full water year. Used and remaining figures Estimated		
USAGE SUMMARY Estimated		
MONTH	USAGE	BALANCE
Oct 2025	124.27	3,096.84
Sustainable Yield Allocation	124.27	
Nov 2025	48.88	3,047.96
Sustainable Yield Allocation	48.88	
Dec 2025	43.24	3,004.72
Sustainable Yield Allocation	43.24	
Jan 2026	80.10	2,924.62
Sustainable Yield Allocation	80.10	
Feb 2026	152.13	2,772.49
Sustainable Yield Allocation	152.13	
Mar 2026	355.76	2,416.73
Sustainable Yield Allocation	355.76	
Apr 2026	352.47	2,064.26
Sustainable Yield Allocation	352.47	

The Usage Summary shows each month, which category it was deducted from, and the running balance.

Subject to revision

A statement for a year that is still open, or whose figures carry the Estimated badge, can change as readings are entered and the GSA runs its monthly calculation. The final statement is the one issued after the year closes.

8. Quick reference

I want to	Go to	Section
Switch water accounts	Account dropdown at the top of any page	1
See how much I have used this year	Dashboard, Water Supply panel	2
See my month by month total	Dashboard, Cumulative Usage chart	2
See LandIQ data by parcel	Water Use, Datasource = LandIQ	3
Enter surface water deliveries	Surface Water, Report Deliveries	4
Check deliveries on record	Surface Water, Transactions	4
See which months still need readings	Wells, Extraction Reporting, Status tab	5
Enter well readings for a month	Wells, Extraction Reporting, Monthly Entry tab	5
Download my well list for GEARS	Parcels, Manage Parcels, Export	6
Download my usage for GEARS	Water Use, All Parcels, Export	6
See or print my statement	Dashboard, three-line menu, Water Account Statement	7

9. Questions and support

If something on your account does not look right, or you are not sure which number to enter, contact the GSA. Please include the water account name and the page you were on.

Mid-Kings River GSA contact: Chuck Kinney, 559-852-2670 and MKRGSA@co.kings.ca.us

You can also open the Support page from the menu on the right in Watermark.