

Welcome to the UPWARD Advisory Group

The meeting will start shortly



UPWARD Advisory Group
State Water Resources Control Board
Division of Water Rights

February 5th 2025

Agenda

Welcome / Logistics / Intros

Meeting and Project Recaps

CalWATRS Basics

Demo - Creating an Account

Demo – General Reporting

Demo - GIS

Q&A / Feedback Exercises

Adjourn

Logistics



Questions during the meeting?

Raise your hand or type it into the chat



This meeting is being recorded

- The recording will be made public
- Do not share sensitive information



Please mute your microphone when not speaking



Technical difficulty?

- Type into chat
- Email <u>UPWARD@waterboards.ca.gov</u>

Introductions

- Brent Vanderburgh | UPWARD Project Director
- Jeff Parks | CalWATRS Product Owner
- Jennifer Hernandez | Advisory Group Coordinator
- Amy Blunk | UPWARD Program Coordinator
- New UAG Participants!

UPWARD Advisory Group Recap

UAG: A diverse team of water rights interests from across the state, convened to advise on the development of the new CalWATRS water rights reporting platform.

First UAG meeting 09/19/23

- Advisory Group Charter and Purpose
- UPWARD Project Players and Project Description
- Feedback activities

Second UAG meeting 05/01/2024

- Project Terminology Definitions
- Digitization and Telemetry Overview
- Light CalWATRS Demos
- Feedback activities

UPWARD Goals

Create new digital infrastructure and governance processes to improve the **quality** and **accessibility** of water rights data.

- Replace eWRIMS with a modern data system
- Make paper records available online
- Create the teams, policies, and protocols to manages data according to best practices

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UPWARD Project Recap

- Funded summer 2021and 2022
 - \$60M total, \$40M for CalWATRS
 - Funding also included
 - Staff in IT Div and Program (DGT + IT = DGIT)
 - Gartner Consulting
- IT Procurement
 - Support from the California Department of Tech.
 - Challenge-based IT procurement
 - Contract awarded to Deloitte





Deloitte.



California
DEPARTMENT OF TECHNOLOGY
STRATEGY INNOVATION DELIVERY

7 Million Paper Records

- Every size of paper
- Materials and formats from late 1800's to current
- Variable file size, from one page to linear feet



- Inaccessible, need to travel to Sacramento
- Hard to store, degradation, no duplicates if damaged
- Institutional knowledge sink

Expectation Setting

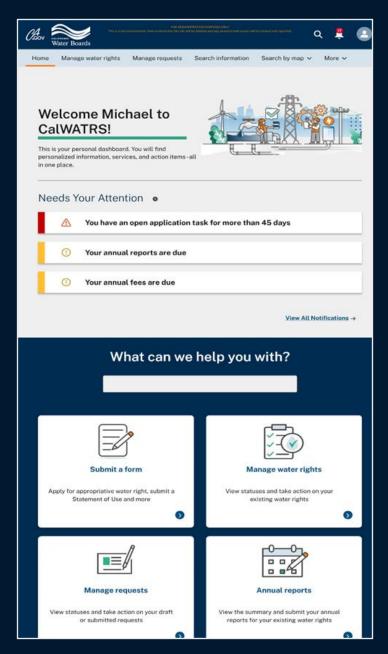
A few notes about the presentation and demo:

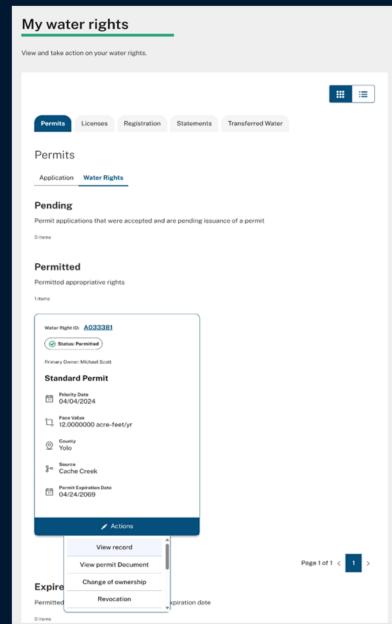
- PowerPoint now, UAG gets hands-on in late Spring.
- Function first, then form. The screenshots and demos will have errors.
- The system is dynamic, the UI responds to user input and changes the path forward
- eWRIMS/RMS data have issues, the new system will show this (but reporters are able to update the info much easier now!)
- Security first policy. Two-factor authentication and secure passwords will be required.
- Electronic reporting will remain a requirement, soon an email will be required.
- Year 1 goal is enrollment and data quality improvements. Staff will work with reporters to make sure things line up.

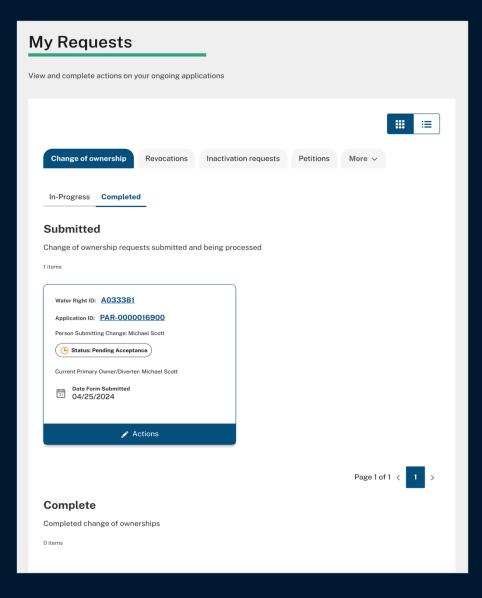
CalWATRS Components

- SalesForce: The main user interface
- ESRI: The GIS and mapping interface
- DocuEdge / ImageTrust: The Electronic Content Management interface
- Okta: Security application (can also use Google)

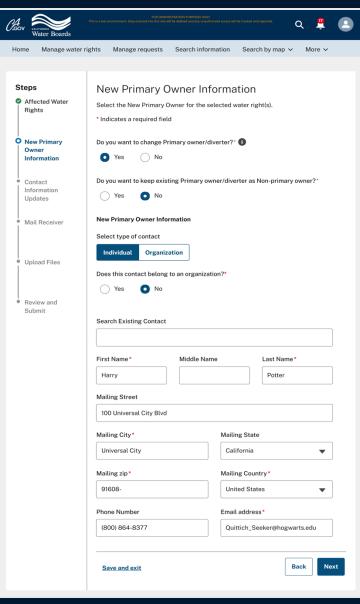
CalWATRS UI Example: Reporter Account

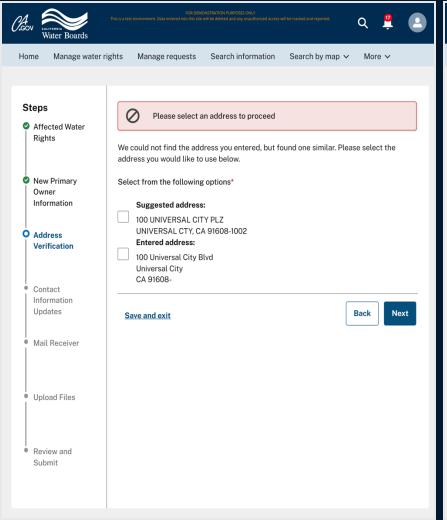


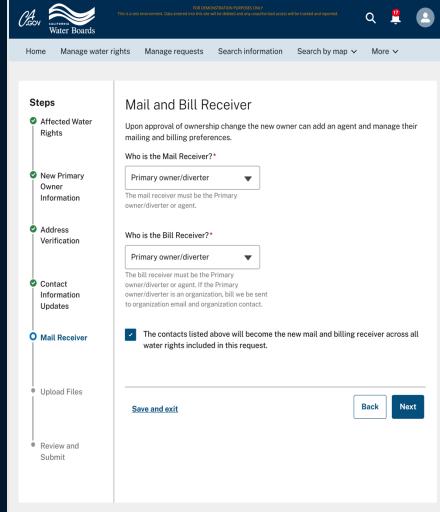




CalWATRS UI Example: Change Request







Old Organization Data Structure

Does not account for relationships between parties, creates duplicate or conflicting records for large organizations.

Water Right Attention Line Party Address 1 Party Record 1 for Staff 1 Record 1 **Attention Line Water Right Party Address 2 Party Record 1** Record 2 for Staff 2 **Attention Line Water Right** Party Record 2 **Party Address 1** for Staff 2 Record 3

New Organization Data Structure

Allows small to medium organizations to explicitly assign which staff receive correspondence for a given water rights



New Organization Data Structure

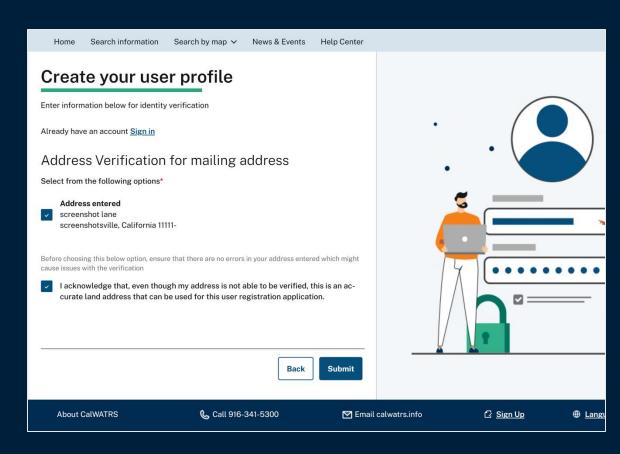
Allows larger organizations to arrange how their water rights are associated with them and which staff are assigned to a given record



CalWATRS UI Example: User Profile

Home	Search information	Search by map 🗸	News & Events	Help Center
Creat	te your use	er profile		
	nation below for identity			
		y verification		
Already hav	e an account <u>Sign in</u>			
Person	ıal informatioı	n		
Legal first r	name*	Middle nam	ne	
Last name*		Phone num	ber	
Email addre	ess*	Confirm em	nail address*	
Mailing stre	net*			
Mailing city	*	Mailing sta	te*	
Mailing zip*	•	Mailing cou	ıntry*	
		United St	ates	•
Is your billir	ng address same as you	r mailing address?*		
Yes	○ No			
Con this uh	one number receive SM	15/taut ===================================		
Yes	No No	is/text messages?		
	umber may be used by the	water board for communi	cations.	
Are you par	t of an organization?*			
O Yes	○ No			





CalWATRS UI Example: User Profile

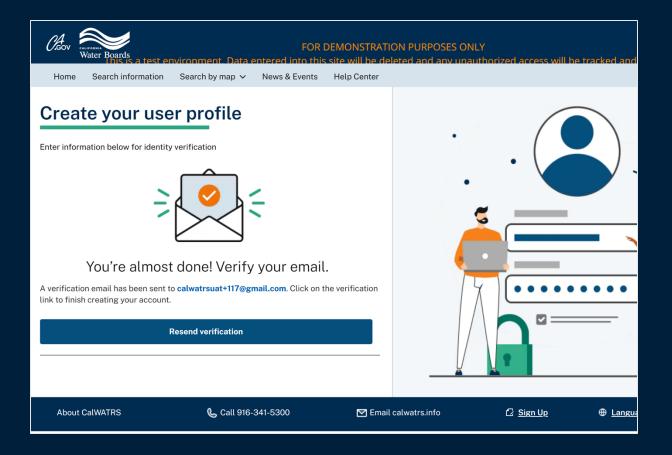
Create your user profile Enter information below for identity verification Already have an account Sign in Credentials calwatrsuat+117@gmail.com Password* Re-enter password* Must include at least √ Lower case letter √ Upper case letter √ Number (0-9) √ Symbol (e.g., !@#\$%^&*) √ Does not contain part of username √ Does not contain first name √ Does not contain last name √ 15 characters long I understand and agree to the Terms and Conditions of Use and Notice of Privacy Practices By logging on to this computing system, the user acknowledges that they have received, read, and understood the State Water Resources Control Board Privacy Policy and Conditions of Use Policy which are available at the links below: Privacy Policy: Privacy Policy Conditions of Use Policy: Conditions of Use UNAUTHORIZED ACCESS TO ANY STATE OF CALIFORNIA COMPUTING SYSTEM IS A CRIMINAL VIOLATION OF PENAL CODE SECTION 502 AND/OR APPLICABLE FEDERAL LAW AND IS SUBJECT TO PROSECUTION. Accessing any system while exceeding one's authorization or in ways not intended by the State of California shall be subject to disciplinary action, prosecution, or both, Users shall have no expectation of privacy in the use of these computing systems as all actions may be recorded and monitored. By logging

on to this computing system, the user acknowledges that they have received, read, and understood this notice, and is providing the specific consent to the State of California for the above activities under the California Electronic Communications Privacy Act, California

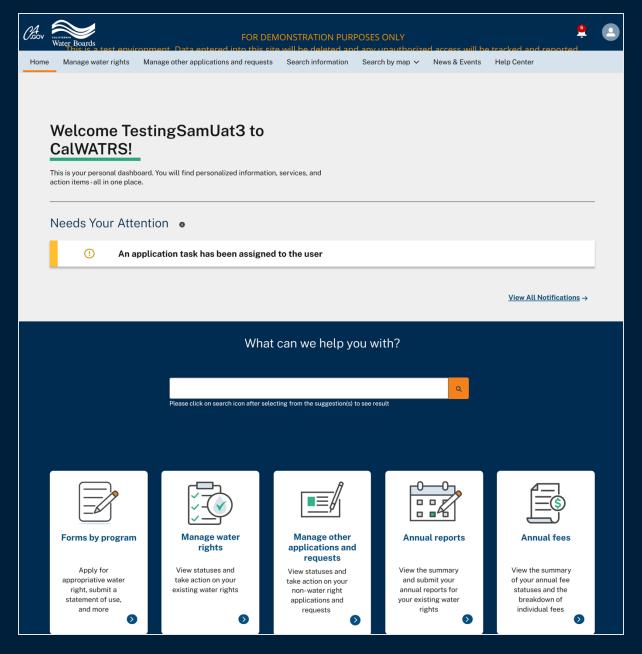
Create Profile

Penal Code Section 1546 (c)(4), and other applicable California laws.





CalWATRS Demo: Creating an Account



Annual reporting

As of 2016, all Water Right holders are required to electronically submit Water Diversion and Use Reports to the State Water Resources Control Board on an annual basis (CCR, Title 23, Division 3, Chapter 2.7 Water Diversion and Use Reports).

More information about annual reporting

This table shows the overall reporting statuses for your claims and water rights. Click View All Reports to see the details for individual annual reports

Appropriative & Registration Statement Groundwater Cessation Groundwater recordation

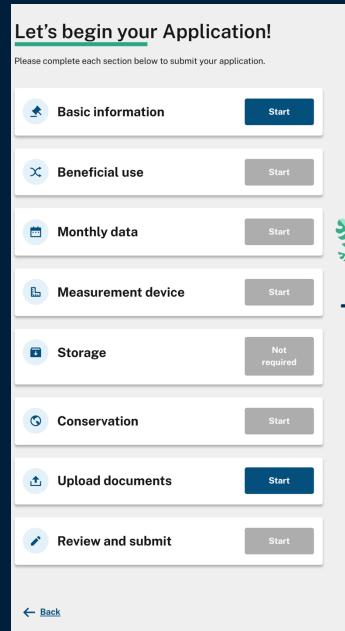
Before you begin

- Water right applications commonly involve technical and legal issues that may require the assistance of an engineer, environmental science professional, and/or an attorney. The Division of Water Rights does not provide these services. If you need the assistance of an experienced water rights professional in processing your application, you may select a party of your choice or refer to our Water Rights Consultants List or Attorneys List.
- If you need to modify an existing pending water right application, please consult with your assigned Division of Water Rights staff lead. If you are unsure who your Division of Water Rights staff lead is, please contact the permitting supervisor responsible for your area. You may need to complete a petition for change or change of ownership before submitting your annual report.
- If your water right was issued in the middle of the water year, you only need to submit diversion amounts for the months the water right was active.

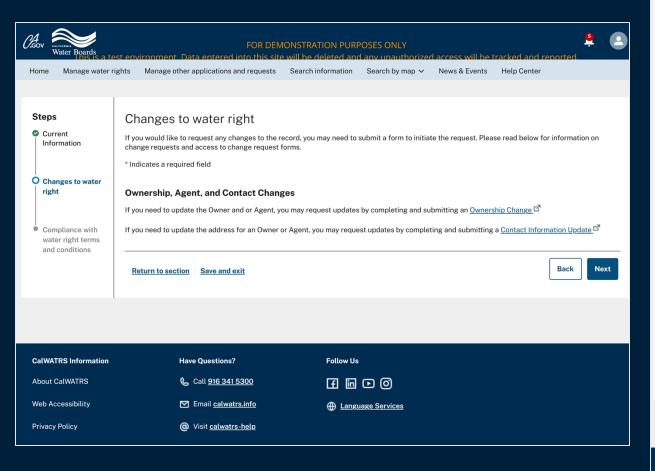
Appropriative - A008565

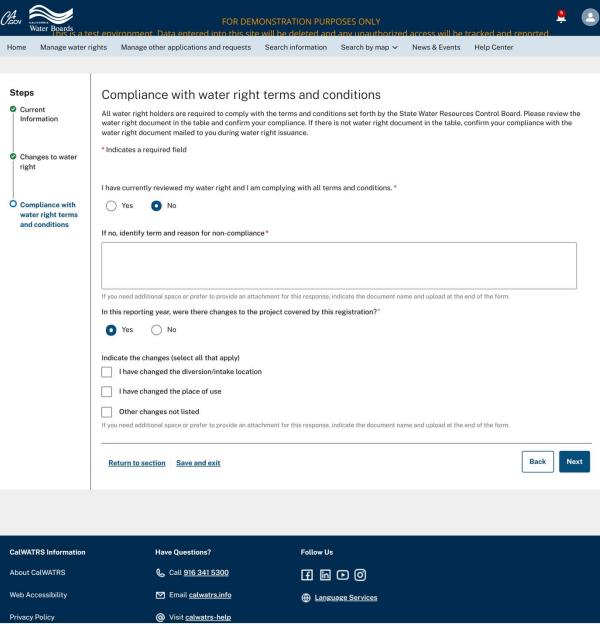
Issue date:

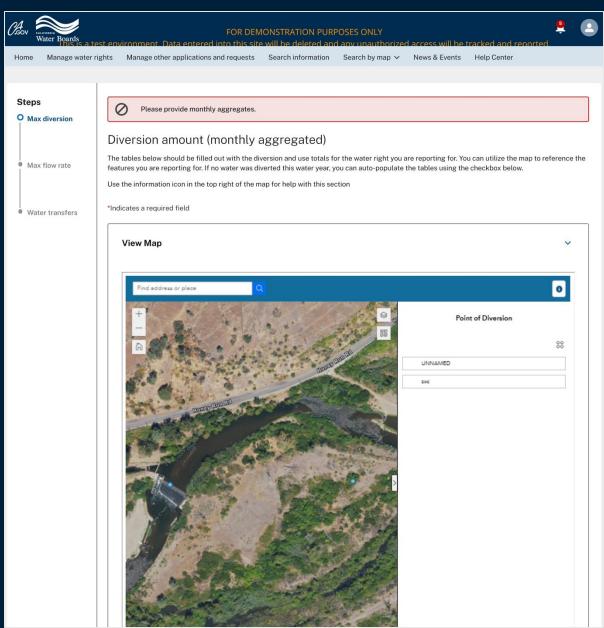
Water Year	Reporting range	Status	Date received	Version number	Link to complete
2026	Oct 1, 2024 to Sep 30, 2025	Not started		1	v
2025	Oct 1, 2023 to Sep 30, 2024	Not started		1	v
2024	Oct 1, 2022 to Sep 30, 2023	Submitted	11/27/2023	1	•
2023	Oct 1, 2021 to Sep 30, 2022	Submitted	01/04/2023	1	•
2022	Jan 1, 2021 to Sep 30, 2021	Submitted	03/23/2022	1	•



Cagov Water Boards	st environment. Data entered into	OR DEMONSTRATION		izad access will be tracked a	5 D						
Home Manage water r											
Steps O Current	Current water right information										
Information	The information seen below is the current information on file for your water right. Please review the information and take the necessary actions to ensure it is accurate. * Indicates a required field										
Compliance with water right terms and conditions	Application Id			Permit Number							
	A008565		004744								
	Do you need to make changes to the contact or owner information below?*										
	○ Yes ○ No										
	Are you using any water diverted under this right for the cultivation of cannabis?*										
	◯ Yes ◯ No										
	Was any water under this right transferred?*										
	Yes No										
	Did you have a supply contract?*										
	Yes No										
	Below are the current Primary owner, Non-Primary owner, agents, and consultants associated with this water right. If you have indicated needs to be made to this information, there will be a link provided on the following page.										
	Name	Mailing Street	Phone Number	Email Address	Туре						
	TestingSamUat3 TestingWarnerUat3	1002 I ST		calwatrsuat+65@gmail.com	Primary owner						
					< 1 >						
	For your reference, below are the approved Use and Seasons information from the water right for which you are submitting an annual report. If the information presented below does not look accurate, you may need to file for a petition in the self-service portal.										
	Return to section Save and exit				Next						



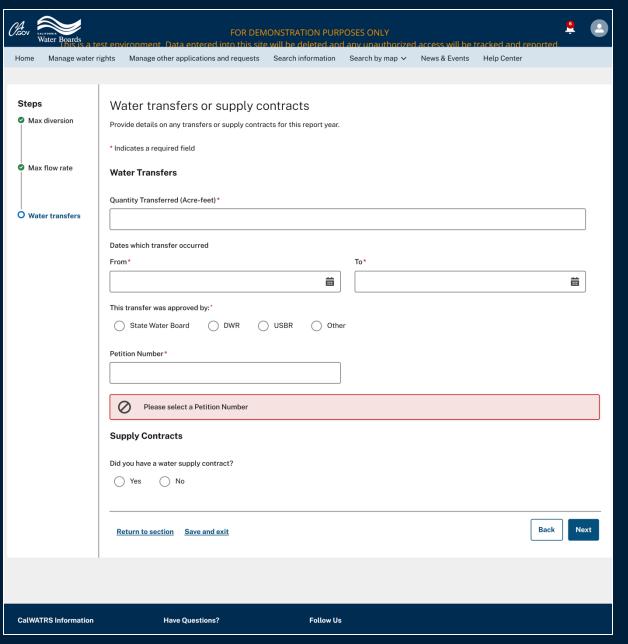




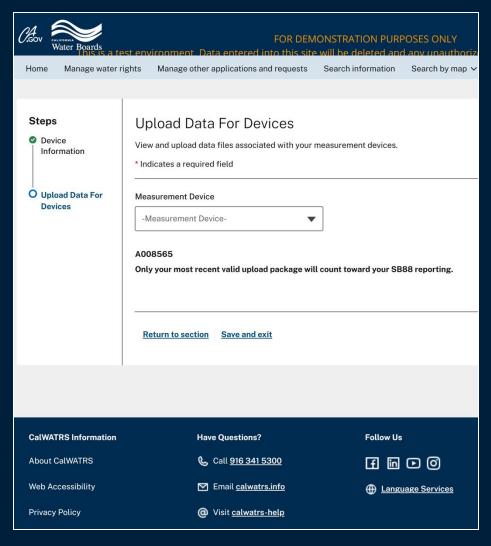
For 2024 (Oc	tober 2023 to S	eptember 2024), report the diver	sion and use	totals associated wi	th this water rig	ght.					
		r was diverted u	ınder this water r	ight during th	nis water year.							
No wate	er was diverted											
What unit are	you requesting	g in?*										
Acre-feet				•								
Diversion												
Calculated to	otal diversion an	nount (Sum of a	ll the POD's enter	red below)								
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul			
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00			
4									•			
UNNAMED												
	_											
POD					Did Not Div	ert						
UNNAMED												
October 202	3 (Acre-feet)				November 2023	(Acre-feet)						
0.0000000					0.0000000							
December 20	023 (Acre-feet)				January 2024 (A	cre-feet)						
0.0000000					0.0000000							
February 202	24 (Acre-feet)				March 2024 (Acre-feet)							
0.0000000					0.0000000							
April 2024 (A	Acre-feet)				May 2024 (Acre-	feet)						
0.0000000					0.0000000							
June 2024 (A	cre-feet)				July 2024 (Acre-	feet)						
0.0000000					0.0000000							
August 2024	(Acre-feet)				September 2024	(Acre-feet)						
0.0000000					0.0000000							
Total												

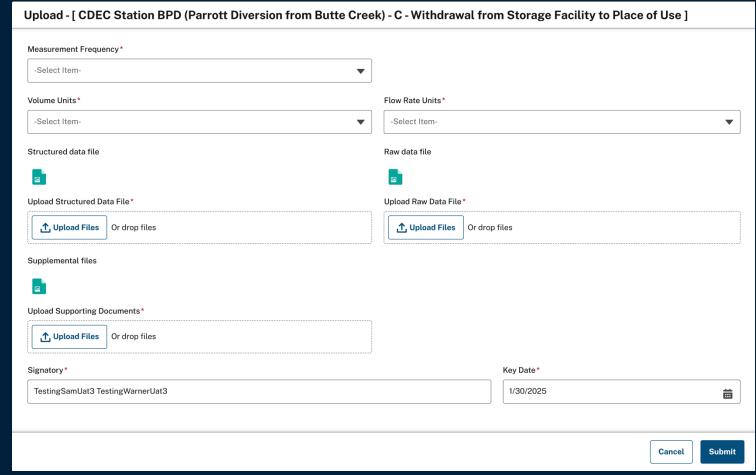
O Device

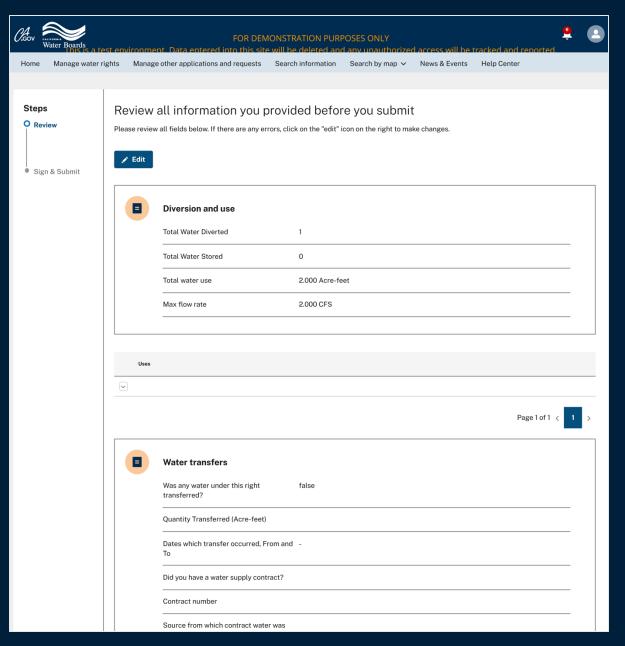
Upload Data F



	asurement device or method should be attached t	o the water use report. You wi	ll be able to add
attachments before submitting the complete	ed report.		
* Indicates a required field			
Your face value is 3074.4 Acre-feet			
Am I subject to measurement regulations?			
I am not required to measure.			
Direct Diversion:			
	or maximum annual historical use (whichever is g	reater).	
Telemetry Requirements			
Volume Threshold	Required Measurement Frequency	,	
More than 10,000 acre-feet	Hourly + Telemetry Requirements		
1,000 to 10,000 acre-feet	Hourly		
100 to 999 acre-feet	Daily		
10 to 99 acre-feet	Weekly		
Volume Threshold	Required Measurement Frequency Hourly + Telemetry Requirements		
10,000 acre-feet or more	Hourly + Telemetry Requirements		
10,000 acre-feet or more 1,000 to 9,999 acre-feet	Hourly - Telemetry Requirements Hourly		
10,000 acre-feet or more 1,000 to 9,999 acre-feet 200 to 999 acre-feet	Hourly + Talametry Requirements Hourly Daily		
10,000 acre-feet or more 1,000 to 9,999 acre-feet 200 to 9,999 acre-feet 50 to 199 acre-feet	Hourly + Telemetry Requirements Hourly Daily Weekly		
10,000 acre-feet or more 1,000 to 9,999 acre-feet 200 to 999 acre-feet	Hourly + Talametry Requirements Hourly Daily		
10,000 acre-feet or more 1,000 to 9,999 acre-feet 200 to 9,999 acre-feet 50 to 199 acre-feet 10 to 49 acre-feet Your face value is 3074.4 Acre-feet. B frequency. Requirements are based or	Hourly + Telemetry Requirements Hourly Daily Weekly Morebly sased on your water right, your measurement the face value or maximum annual historic	cal use (whichever is grea	ter).
10,000 scre-feet or more 1,000 to 9,999 scre-feet 200 to 9,999 scre-feet 50 to 199 scre-feet 10 to 49 scre-feet 10 to 49 scre-feet Your face value is 3074.4 Acre-feet. B	Hourly + Tolemetry Requirements Hourly Daily Weekly Monthly ased on your water right, your measuremen	nt frequency needs to be in the control of the cont	ter). a storage facility?*
10,000 pcre-feet or more 1,000 to 9,999 pcre-feet 200 to 9,999 pcre-feet 50 to 199 pcre-feet 10 to 49 pcre-feet 10 to 49 pcre-feet 10 to 49 pcre-feet Did you divert water to direct use?* Yes No	Hourly + Tolemetry Requirements Hourly Daily Weekly Monthly assed on your water right, your measurement the face value or maximum annual historic Did you divert water to storage?*	Did you store water in	ter). a storage facility?*
10,000 scre-feet or more 1,000 to 9,999 scre-feet 200 to 9,999 scre-feet 50 to 999 scre-feet 10 to 49 scre-feet 10 to 49 scre-feet 10 to 49 scre-feet Did you divert water to direct use?* Yes No Did you withdraw water from storage?*	Hourly + Tolemetry Requirements Hourly Daily Weekly Monthly ased on your water right, your measurement the face value or maximum annual historic Did you divert water to storage?* Yes No Did you release water from storage?*	Did you store water in	ter). a storage facility?*
10,000 pcre-feet or more 1,000 to 9,999 pcre-feet 200 to 9,999 pcre-feet 50 to 199 pcre-feet 10 to 49 pcre-feet 10 to 49 pcre-feet 10 to 49 pcre-feet Did you divert water to direct use?* Yes No	Hourly + Tolemetry Requirements Hourly Daily Weekly Monthly assed on your water right, your measurement the face value or maximum annual historic Did you divert water to storage?*	Did you store water in	ter). a storage facility?*
10,000 scre-feet or more 1,000 to 9,999 scre-feet 200 to 9,999 scre-feet 50 to 999 scre-feet 10 to 49 scre-feet 10 to 49 scre-feet 10 to 49 scre-feet Did you divert water to direct use?* Yes No Did you withdraw water from storage?*	Hourly + Tolemetry Requirements Hourly Daily Weekly Monthly ased on your water right, your measurement the face value or maximum annual historic Did you divert water to storage?* Yes No Did you release water from storage?*	Did you store water in	ter). a storage facility?*
10,000 acre-feet or more 1,000 to 9,999 acre-feet 200 to 9,999 acre-feet 50 to 199 acre-feet 10 to 49 acre-feet Your face value is 3074.4 Acre-feet. B frequency. Requirements are based or Did you divert water to direct use?* Yes No Did you withdraw water from storage?* Yes No Need to add or change a device? Existing measuring devices/method(s)	Hourly + Tolemetry Requirements Hourly Daily Weekly Monthly ased on your water right, your measurement the face value or maximum annual historic Did you divert water to storage?* Yes No Did you release water from storage?*	Did you store water in	ter). a storage facility?*





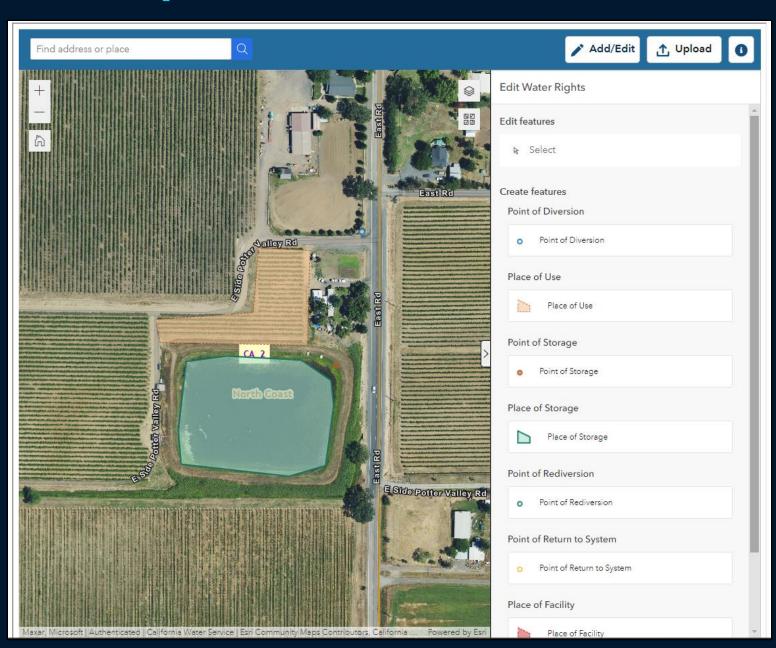


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Home	Manage water ri		other applications and requests		Search information	Search by map 🗸		s & Events	Help Ce			
Steps Revi Sign		knowledge and belief.			formation in this application in the information in the information	ation is t	ttachments are true and correct to the best of my is true to the best of your knowledge and belief, under Last Name * TestingWarnerUat3					
		Date										1
		01/30/2025									苗	J
		Return to se	ction							Back	Subn	nit
CalWAT	TRS Information		Have Questions?		Follow Us							
About (CalWATRS		& Call <u>916 341 5300</u>		f in	• 0						
Web Ac	ccessibility		Email <u>calwatrs.info</u>		⊕ <u>Langu</u>	age Services						
Privacy	Policy		Visit <u>calwatrs-help</u>									

CalWATRS UI Example: GIS Interface

Noteworthy GIS Capabilities

- Ability to plot points and areas
- Spatial file upload
- Collected GIS data can be reviewed by staff
- GIS attributes automatically added to plotted data (Geoenrichment)



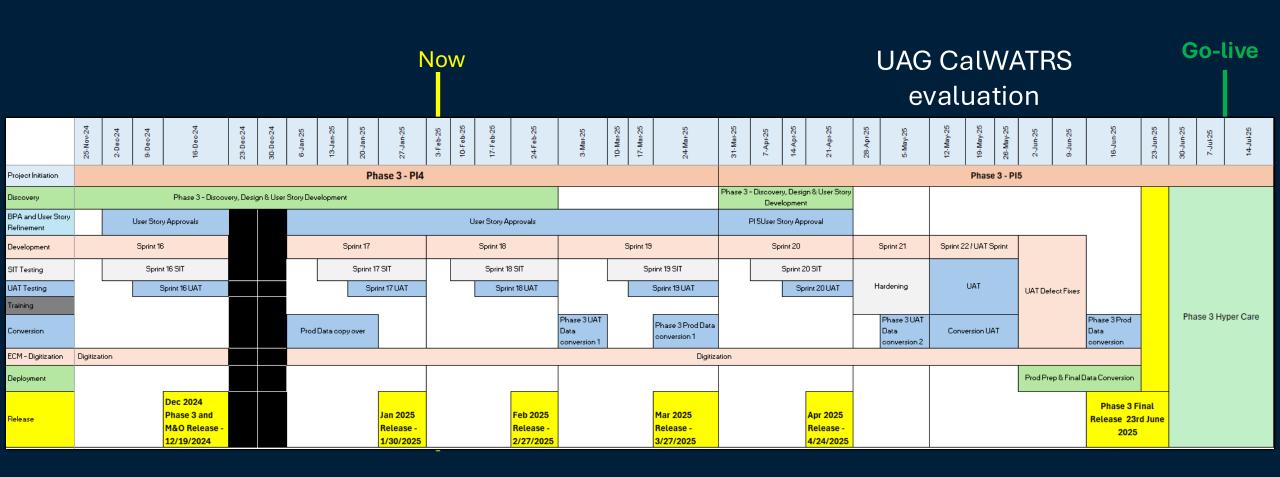
CalWATRS Demo: Plotting a POD/POU

Breaktime

5 minutes to stretch!

UAG Feedback Collection

Next Steps





UAG is Adjourned, Thank You!!

If ideas come up after the meeting, please send a note to:

UPWARD@waterboards.ca.gov