ADEM Surface Water Meeting

eWater 2.0 – OWR's Water Management Database

Michael Harper
ADECA Office of Water Resources

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OWR Division Chief

Eric Reidy, P.E. was announced as the new OWR Division Chief October 1, 2026

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What is eWater?

“eWater” is the cumulative term used to describe the various hardware and software tools and capabilities that support OWR’s management of the Alabama Water Use Reporting Program



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eWater Functional Processes

- Receipt of Declaration of Beneficial Use (DBU) application form and completeness review
- Processing, review, issuance, and transmittal of Certificate of Use (COU) once DBU review is complete
- Creation of annual use reporting forms, transmittal, receipt, review, and incorporation of reported data into data system

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eWater 2.0 Overview

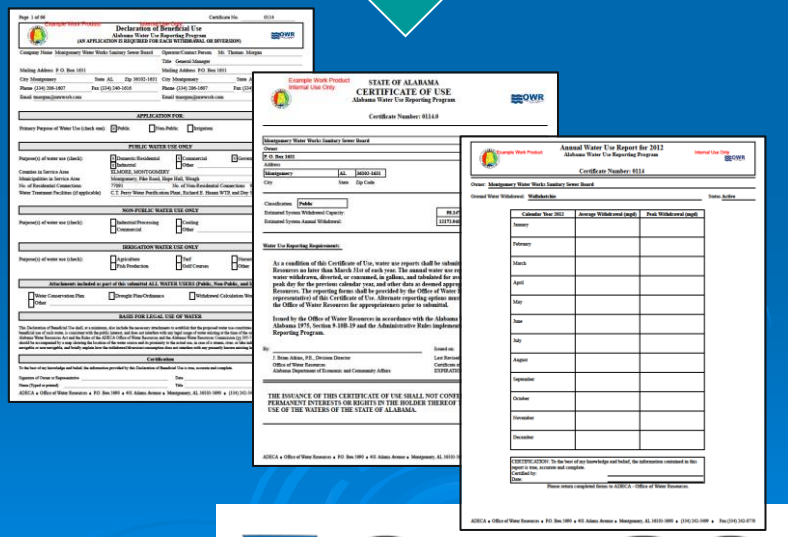


Water User/OWR Web Input such as DBU application and water-use reporting

OWR eWater Database

new and improved with more options!

Laserfiche®



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Glimpse of eWater Portal



Welcome to the Alabama Water Use Reporting Program

The Alabama Office of Water Resources (OWR), a division of the Alabama Department of Economic and Community Affairs (ADECA), is charged with the oversight of Alabama's Water Use Reporting Program. To meet administrative, data storage and management, and other support requirements, an application named, 'eWater' has been designed to provide on-line access for application submissions, account management, and annual reporting. For additional information, please see OWR's website here.

Login

Already have a verified account?

If you have a verified account with OWR for the eWater 2.0 portal. Please login.

Login

New User

Are you a new user?

If you are a new user to the OWR eWater 2.0 portal, please register.

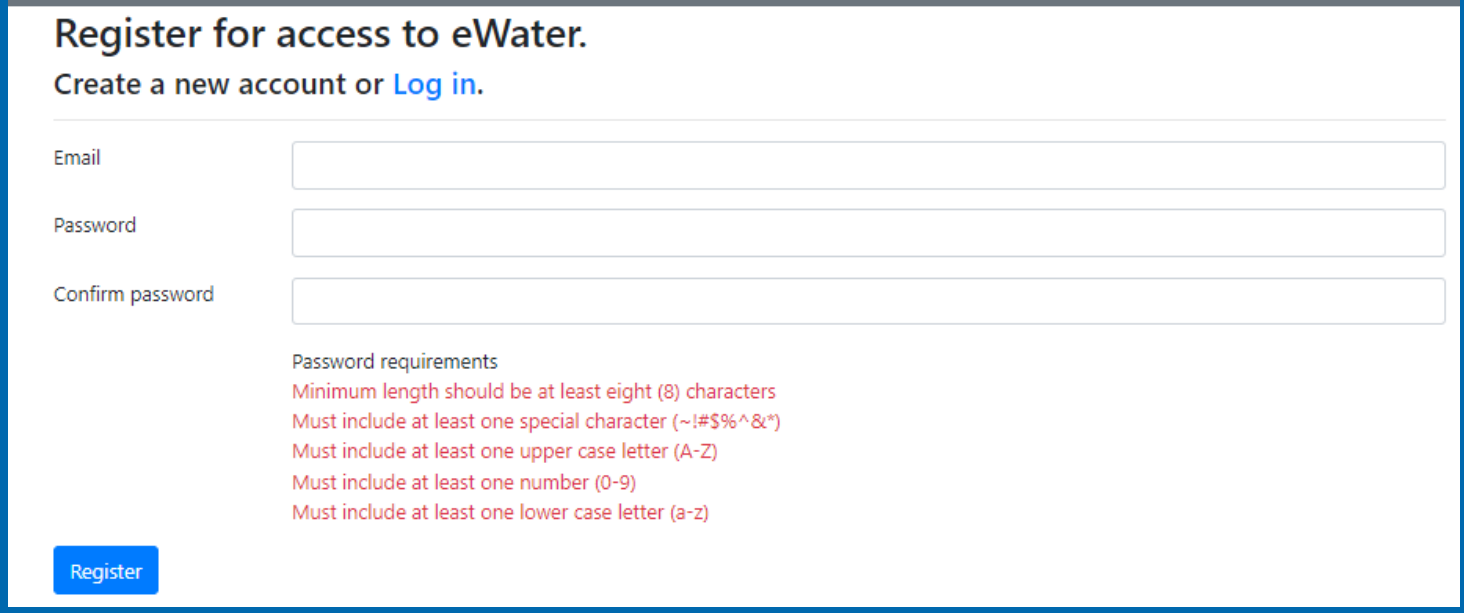
Register

If you do not withdraw water directly (such as purchasing from a local public water system) but will manage a discharge into a water of the state, you do not need to obtain a Certificate of Use. You may, however, may be required to obtain a permit issued by the Alabama Department of Environmental Management (ADEM). Information about the various permitting programs can be obtained here or by calling the ADEM Water Division at (334) 271-7823.

Phone: (334) 242-5499, or toll free: 1-877-ALA WATER
Fax: (334) 242-0776 | ewater@adeca.alabama.gov
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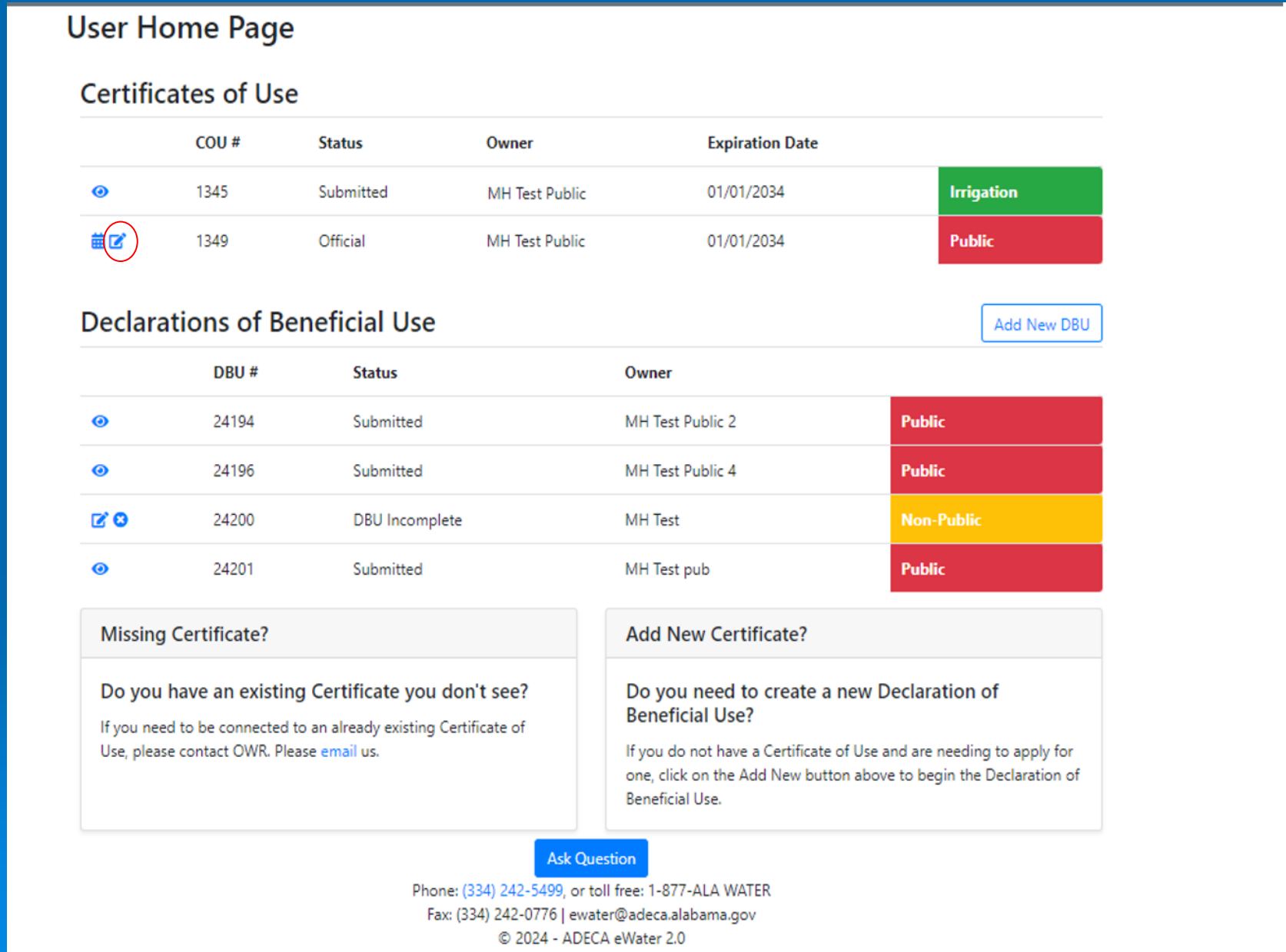
Glimpse of eWater Portal



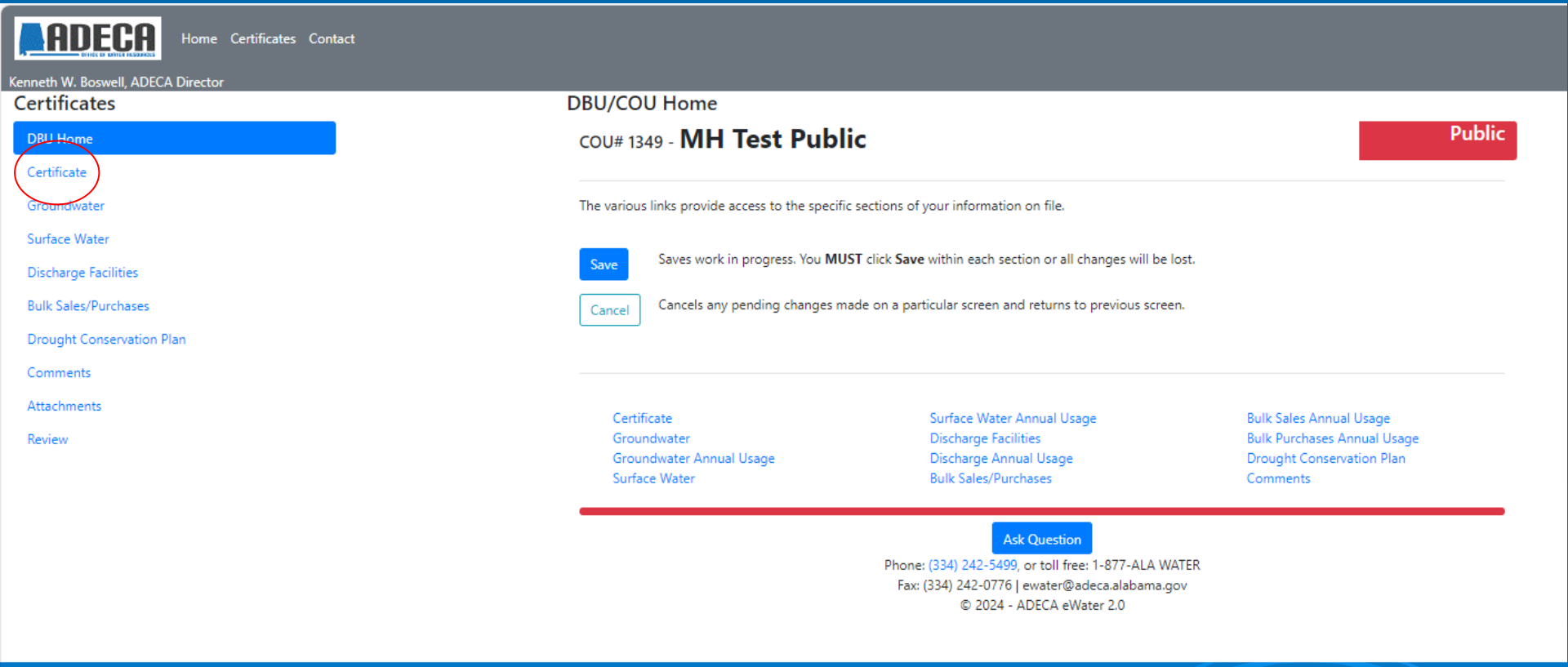
- Email based registration system
  - Users will be able to use existing email accounts
- Allows users who operate multiple systems ability to log in once to see everything
- Allows for multiple users to login to see single Certificate

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Glimpse of eWater Portal



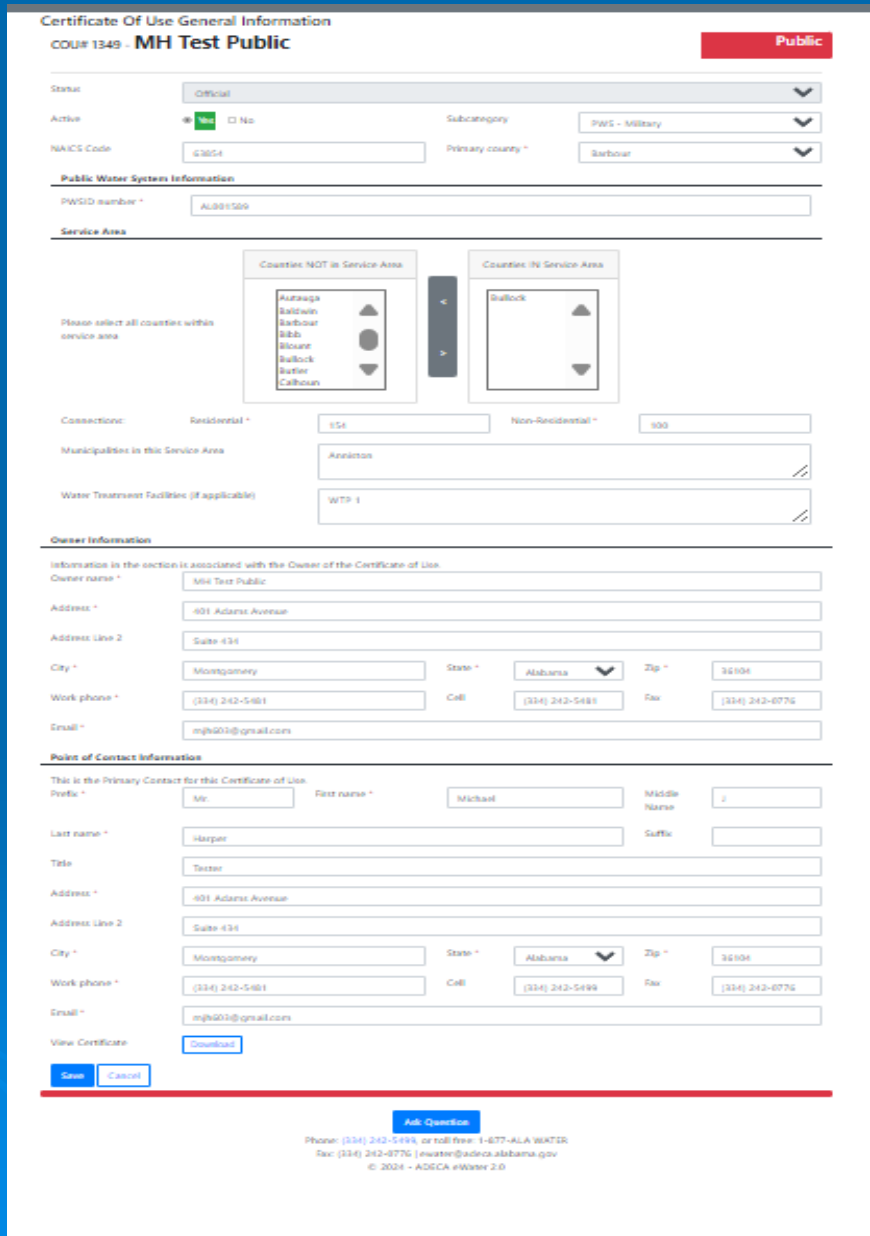
Glimpse of eWater Portal



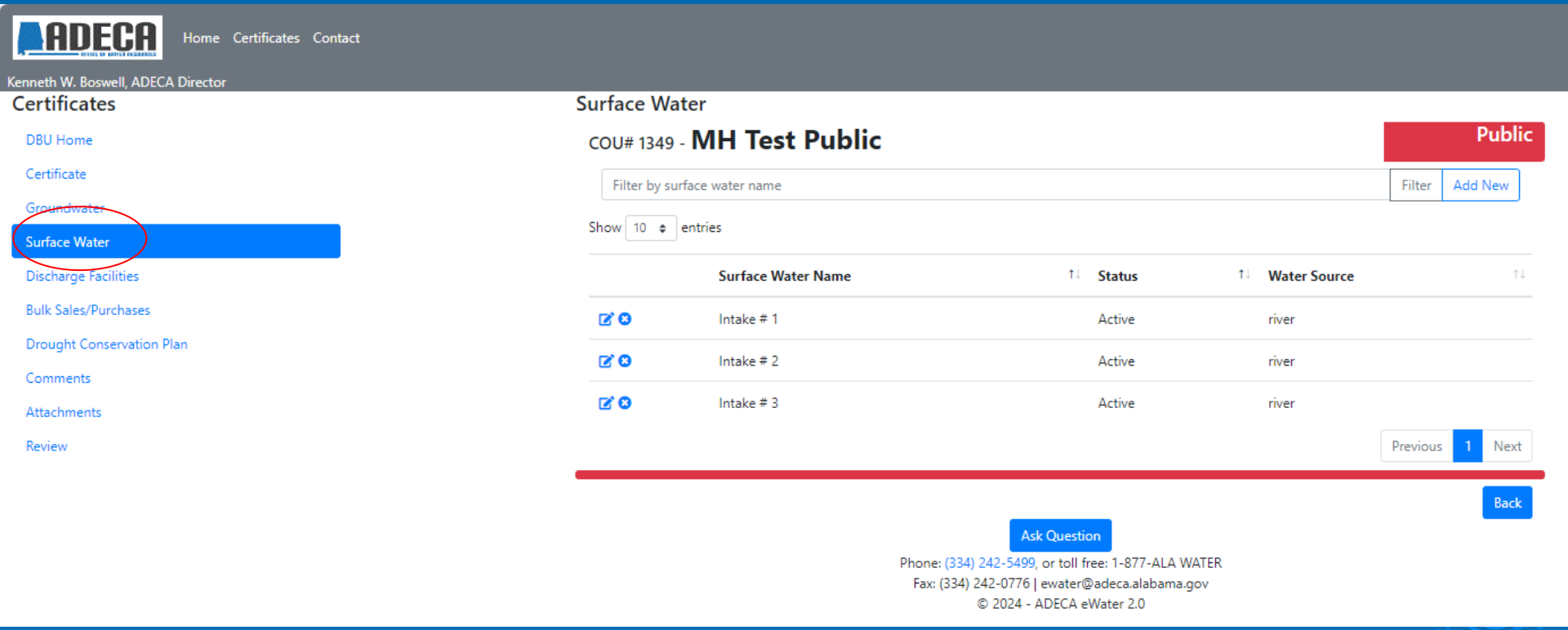
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Glimpse of eWater Portal

- Looks like current paper DBU forms
  - Collecting new information:
    - PWSID Number
    - NAICS Code
    - Subcategory
    - Primary County



Glimpse of eWater Portal



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Glimpse of eWater Portal

- Enhanced GIS mapping integration for populating location information
  - Is available for all entity types (GW,SW,DC, and Bulk Sales and Purchases

Surface Water Information

COU# 1349 - **MH Test Public**

Public

Withdrawal Name * Intake # 1

Active Yes No

Start Date * 09/01/2024 MM/DD/YYYY

Critical Intake Elevation (ft) 5

Average Withdrawal (mgy) * 500.000

Pumping Capacity (gpm) * 1000.000

Maximum Withdrawal (mgd) 1.440

**Maximum Withdrawal = (Pump Capacity * 1440/1,000,000)

Estimation Method Metered Worksheet Other

Location Information

Latitude 33.148162 Longitude -86.265434 Map

County * Talladega

River Basin 03150107 - Lower Coosa Select Basin

Click on the link on the right to select the River Basin of the withdrawal

Subbasin 031501070104 - Shirtee Creek

Reach Number NHD Number

Location Map * GeneratedMap.png Delete

Upload a map showing the point of withdrawal.

Provide as many details as possible about the geographic location of the withdrawal facility and proximity to water source.

MAp on file.

Basis for Legal Use Verification

Please upload at least one of the following documents to provide verification of the legal use of water from the withdrawal location. *

Opinion of Counsel Screenshot 2023-12-29 104611.png Delete

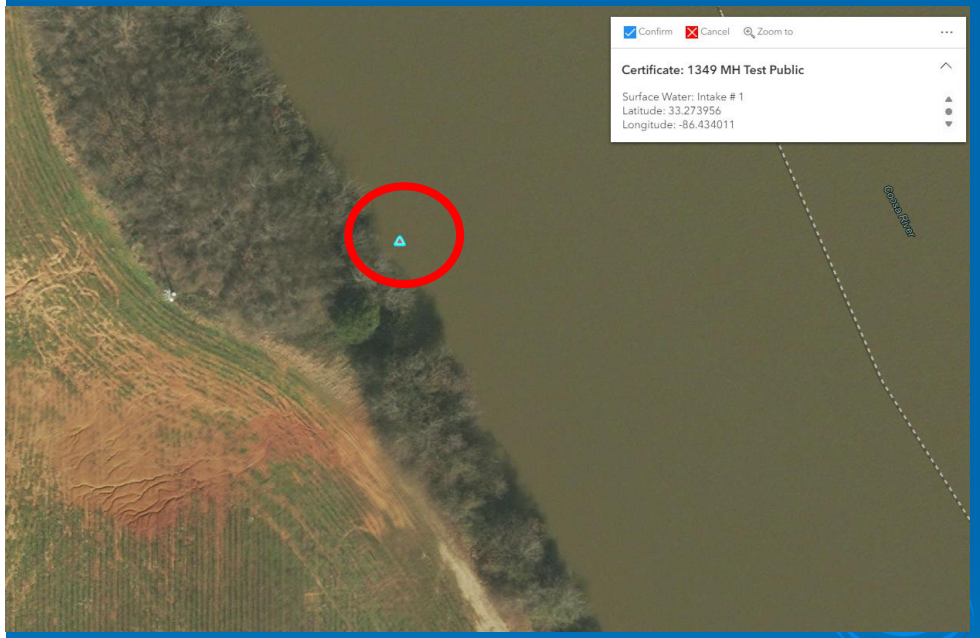
Lease Agreement Choose file Browse

Property Deed Choose file Browse

Property Tax Record/Statement Choose file Browse

Other Choose file Browse

Other Supporting Document Description



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Glimpse of eWater Portal

Issued Certificates will be emailed to registered users after approval

Issuance of Certificate of Use (COU) # 1349.1 - 2

laserfiche.notifications@OIT.alabama.gov
To EWater
12/1/2022

COU 1349_2 COU_20221201.pdf
187 KB

Enclosed is the Certificate of Use, which has been issued based on data provided in the Declaration of Beneficial Use (DBU) you filed with the Office of Water Resources (OWR).

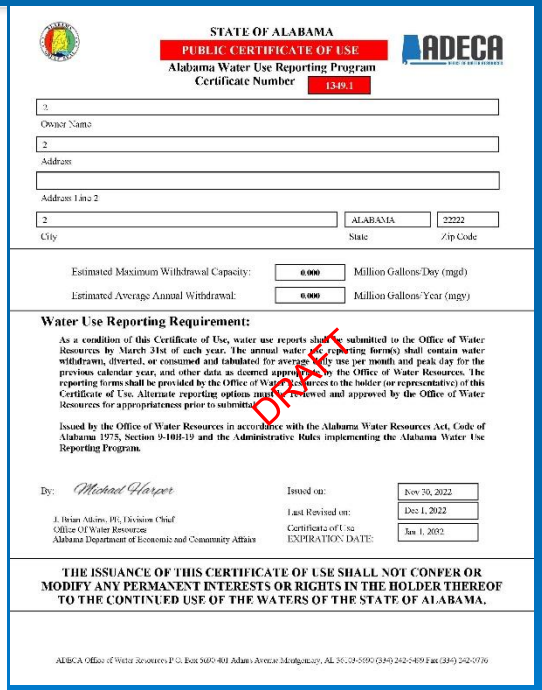
Each entity filing a Declaration of Beneficial Use is also required to submit annual water use reports. Each year, you will receive information from our office on how to submit your annual water use data to OWR. The information you provide is vital to maintaining a database that will enable the long-term planning and coordination of water resources in Alabama.

Each entity is also responsible for notifying the OWR of any changes in the data contained in the Declaration of Beneficial Use. If you need to amend your Declaration of Beneficial Use, please contact us.

Thank you for your support. If you have any questions or need further assistance, please contact the ADECA Office of Water Resources.

The Water Management Staff
ADECA Office of Water Resources
401 Adams Ave Suite 434
Montgomery, Alabama 36104
(334) 242-5499 (Office)
(877) ALA WATER (Toll Free)
(334) 242-0776 (Fax)
ewater@adeca.alabama.gov

ADECA OFFICE OF WATER RESOURCES



STATE OF ALABAMA
PUBLIC CERTIFICATE OF USE
Alabama Water Use Reporting Program
Certificate Number 1349.1

ADECA

2
Owner Name
2
Address
Address Line 2
2 | ALABAMA | 22222
City | State | Zip Code

Estimated Maximum Withdrawal Capacity: 0.000 Million Gallons/Day (mgd)
Estimated Average Annual Withdrawal: 0.000 Million Gallons/Year (mgy)

Water Use Reporting Requirement:

As a condition of this Certificate of Use, water use reports shall be submitted to the Office of Water Resources by March 31st of each year. The annual water use reporting form(s) shall contain water withdrawn, diverted, or consumed and tabulated for average daily use per month and peak day for the previous calendar year, and other data as deemed appropriate by the Office of Water Resources. The reporting forms shall be provided by the Office of Water Resources to the holder (or representative) of this Certificate of Use. Alternate reporting options must be reviewed and approved by the Office of Water Resources for appropriateness prior to submittal.

Issued by the Office of Water Resources in accordance with the Alabama Water Resources Act, Code of Alabama 1975, Section 9-10B-19 and the Administrative Rules implementing the Alabama Water Use Reporting Program.

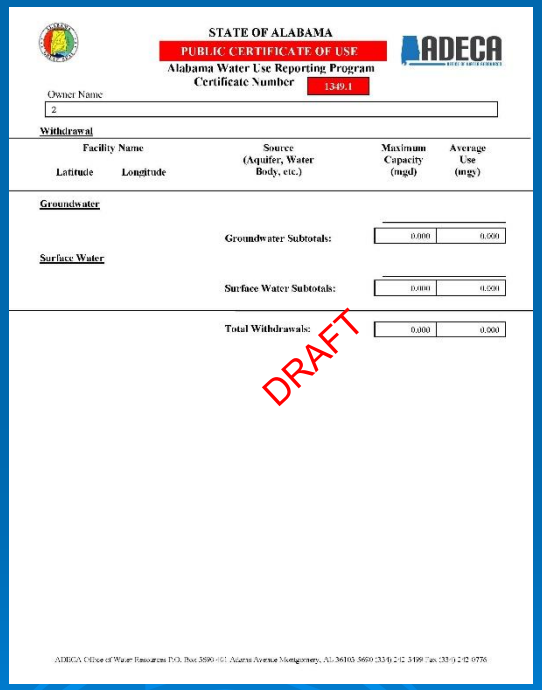
By: Michael Harper
J. Brian Atkins, PE, Division Chief
Office Of Water Resources
Alabama Department of Economic and Community Affairs

Issued on: Nov 30, 2022
Last Revised on: Dec 1, 2022
Certificate of Use EXPIRATION DATE: Jan 1, 2032

THE ISSUANCE OF THIS CERTIFICATE OF USE SHALL NOT CONFER OR MODIFY ANY PERMANENT INTERESTS OR RIGHTS IN THE HOLDER THEREOF TO THE CONTINUED USE OF THE WATERS OF THE STATE OF ALABAMA.

ADECA Office of Water Resources P.O. Box 3690 401 Adams Avenue Montgomery, AL 36103-3690 (334) 242-5499 Fax (334) 242-0776

DRAFT



STATE OF ALABAMA
PUBLIC CERTIFICATE OF USE
Alabama Water Use Reporting Program
Certificate Number 1349.1

ADECA

Owner Name
2

Withdrawal

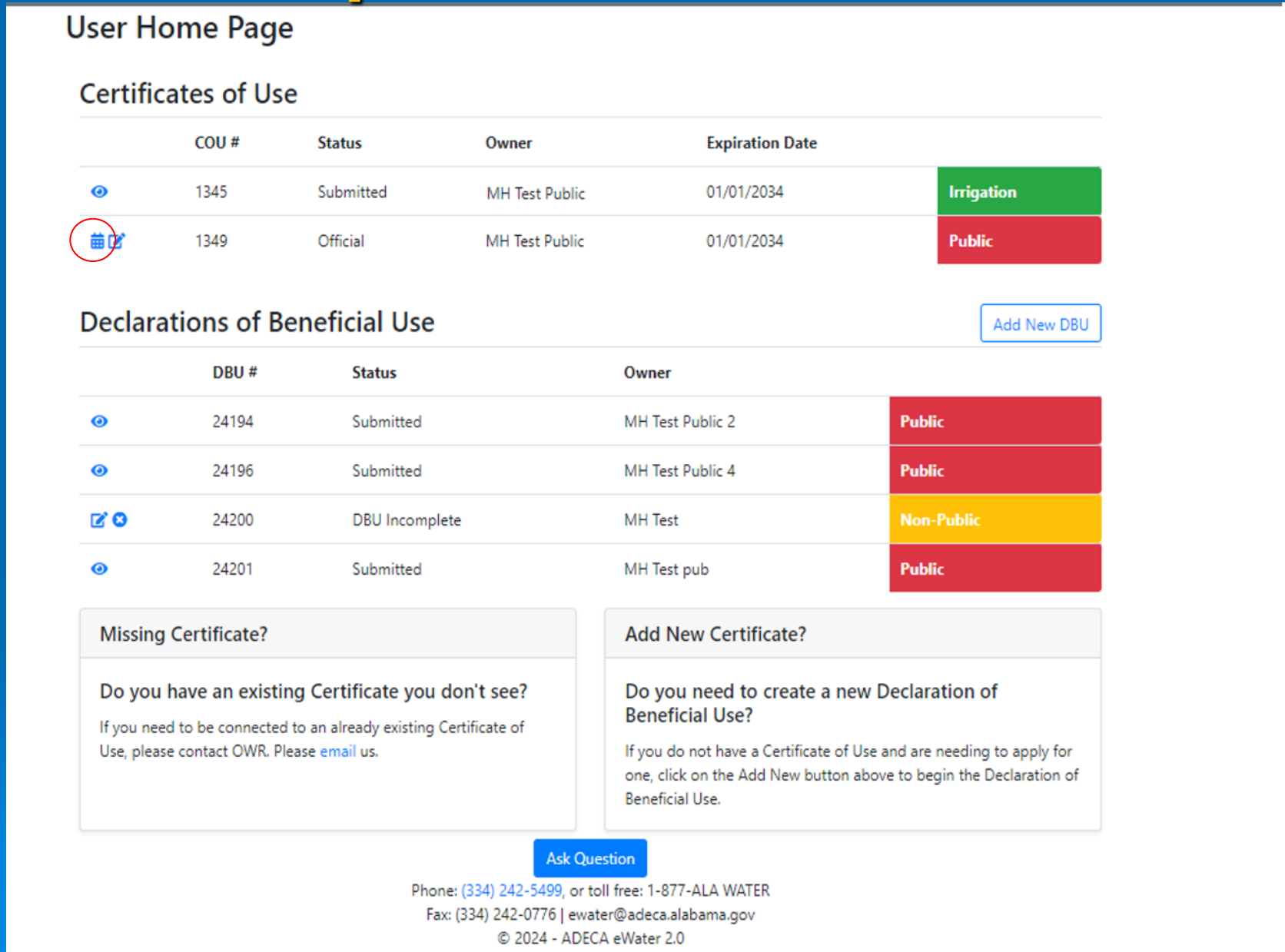
Facility Name / Latitude / Longitude	Source (Aquifer, Water Body, etc.)	Maximum Capacity (mgd)	Average Use (mgy)
Groundwater			
	Groundwater Subtotals:	0.000	0.000
Surface Water			
	Surface Water Subtotals:	0.000	0.000
	Total Withdrawals:	0.000	0.000

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Glimpse of eWater Portal



Glimpse of eWater Portal Annual Use

Annual Usage Home

COU# 3.1 - **MH Public DBU Validation Test No. 1**

Public

If you have added any new withdrawals, discharges, or bulk sales/purchases, you will need to add them and submit a modification to your Certificate of Use before entering any Annual Use data. Click the "Add New" button associated with the entity type to add.

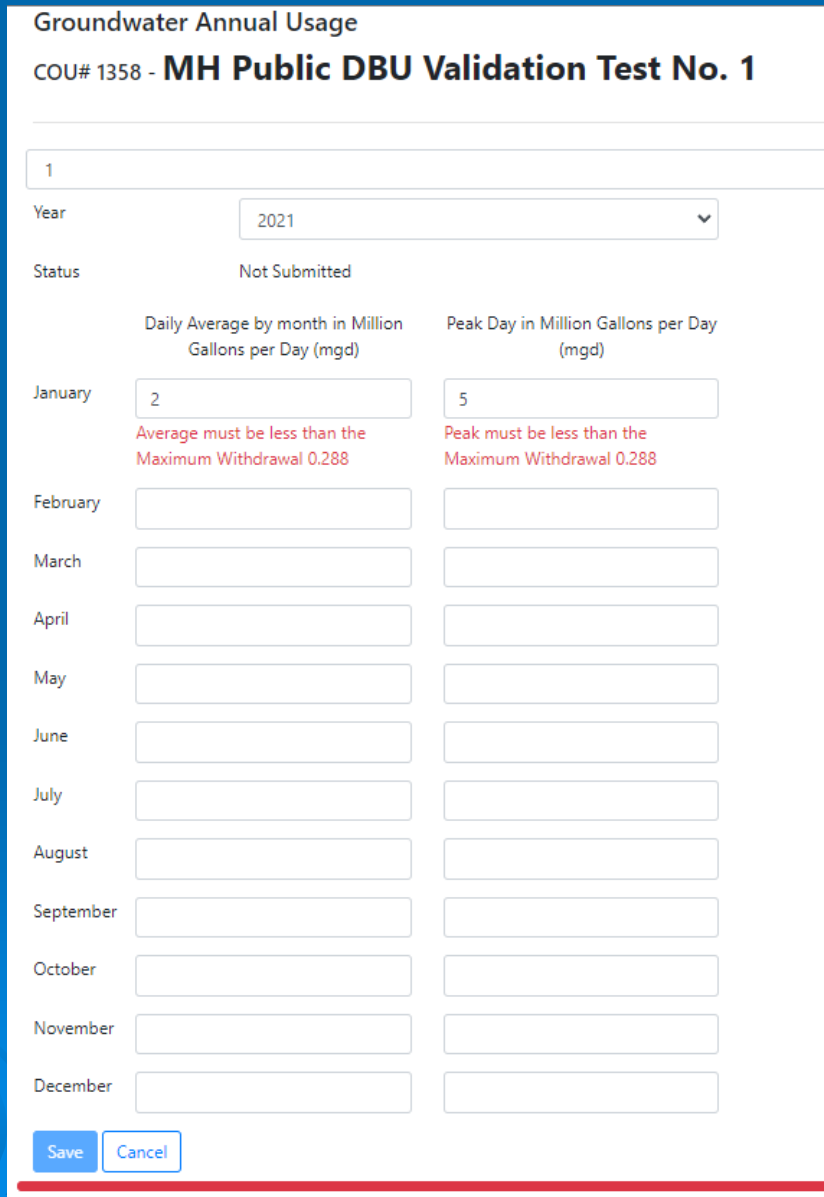
Groundwater	Surface Water	Discharge
Annual Usage	Annual Usage	Annual Usage
	0 of 2 Completed	0 of 2 Completed
Add New	Enter Usage / Add New	Enter Usage / Add New

Bulk Sales	Bulk Purchases	Contact Information
Annual Usage	Annual Usage	Annual Reporting
0 of 5 Completed		
Enter Usage / Add New	Add New	Update

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Glimpse of eWater Portal Annual Use

- User can enter data directly into portal
- Allows for user to enter previous years data or any missing year data
- Advanced error checking
  - Checks that Average and Peak Withdrawal is less than Maximum Withdrawal Capacity on COU
  - Checks that the Average Withdrawal is less than the Peak Daily Withdrawal



Annual Use Paper Forms

Alabama Water Use Reporting Program

PUBLIC Annual Water Use Report

Groundwater Withdrawal Form

ADECA

Certificate Number:

Owner Name:

Reporting Year:

Well Name:

Review Status:

Month	Daily Average by Month in Million Gallons per Day (mgd)	Peak Day in Million Gallons per Day (mgd)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

Certification

To the best of my knowledge and belief, the information contained in this report is true, accurate, and complete.

Certified by:

Date:

ADECA ♦ Office of Water Resources ♦ P.O. Box 5690 ♦ 401 Adams Avenue ♦ Montgomery, AL 36103-5690 ♦ (334) 242-5499 ♦ Fax (334) 242-0776

Alabama Water Use Reporting Program

PUBLIC Annual Water Use Report

Surface Water Withdrawal Form

ADECA

Certificate Number:

Owner Name:

Reporting Year:

Intake Name:

Review Status:

Month	Daily Average by Month in Million Gallons per Day (mgd)	Peak Day in Million Gallons per Day (mgd)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

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eWater Update

- eWater Portal is Live
- eWater Portal is sending emails
  - laserfiche.notifications@adeca.alabama.gov
- 2026 Annual Use will be using eWater Portal
  - Must request paper forms
- Renewals are now being processed through eWater Portal

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Summary

- eWater 2.0 will
  - Provide long-term support for the management of the Water Use Program
  - Improve the quality of the data
  - Allow external Certificate holders access to information and data
  - Improve efficiency and customer support

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Questions?

Michael Harper

Alabama Office of Water Resources

Email: water@adeca.alabama.gov

Web: water.alabama.gov

Phone: Toll Free 1-877-ALAWATER

(1-877-252-9283) or (334) 242-5499

FAX: (334) 242-0776

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