

ADECA-OWR Update 2024 ADEM Surface Water Meeting

October 16, 2024

Michael Harper

ADECA Office of Water Resources

The background of the slide is a solid blue color. In the bottom right corner, there are several concentric white circles of varying sizes, resembling ripples on water, which add a decorative touch to the design.

Alabama Water Use Reporting Program Management Application (eWater) Upgrade



Development Progress eWater Portal

➤ Phase 1 efforts:

- A website, database, and Laserfiche application has been developed
- eWater Administration Portal is complete
- Laserfiche infrastructure complete
- Workflow processes, forms, and PDF templates completed
- eWater Portal is fully integrated with Laserfiche application

Development Progress eWater Portal (continued)

➤ Phase 2

- Enhanced GIS Integration
- Improved User Administration Functionality
- Guided External User Declaration of Beneficial Use (DBU) Application Process
- Guided External User Annual Reporting Process
- Development of User Training Videos
- Enhanced User Communication Capability
- Development of Data Reporting Platform
- Completion date – October 2024

Development Progress eWater Portal (continued)

- Phase 2 development is complete
 - All systems are in production
 - Final production testing underway



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

Log in to eWater
Use the email and password that you [registered](#) with

Email

Password

☐ Remember me?

[Log in](#)

[Register as a new user](#)

[Forgot your password?](#)

Phone: (334) 242-5499, or toll free: 1-877-ALA WATER
Fax: (334) 242-0776 | ewater@adeca.alabama.gov
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- Email based registration system
 - Users will be able to use existing email accounts
 - Email associated with ADEM
- OWR will create initial accounts before launch and provide them to users

Glimpse of eWater Portal

User Home Page

Certificates of Use

	COU #	Status	Owner	Expiration Date	
	1345	Submitted	L.C. Farms LLC	01/01/2034	Irrigation
	1349	Official	MH Test Public	01/01/2034	Public

Declarations of Beneficial Use

[Add New DBU](#)

	DBU #	Status	Owner	
	24194	Submitted	MH Test Public 2	Public
	24196	Submitted	MH Test Public 4	Public
	24200	DBU Incomplete	MH Test	Non-Public
	24201	Submitted	MH Test pub	Public

Missing Certificate?

Do you have an existing Certificate you don't see?

If you need to be connected to an already existing Certificate of Use, please contact OWR. Please [email us](#).

Add New Certificate?

Do you need to create a new Declaration of Beneficial Use?

If you do not have a Certificate of Use and are needing to apply for one, click on the Add New button above to begin the Declaration of Beneficial Use.

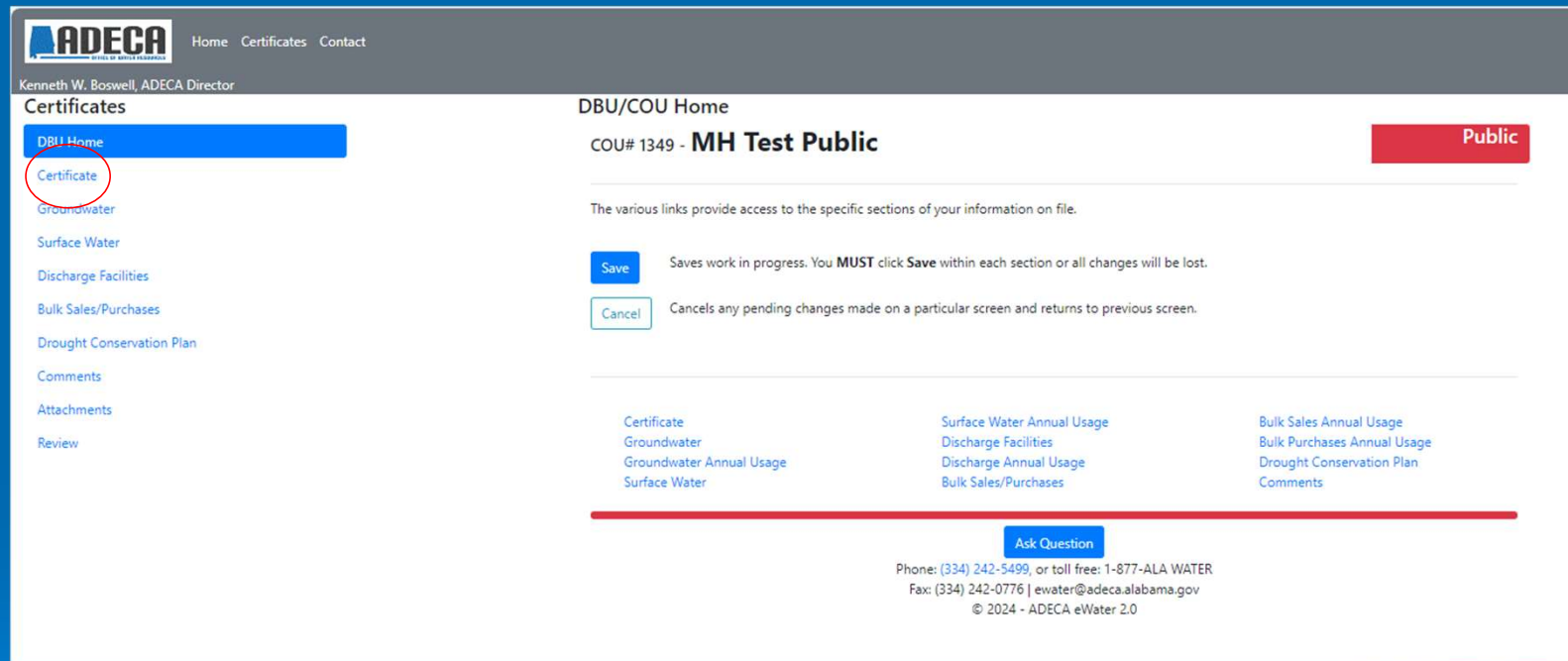
[Ask Question](#)

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Fax: (334) 242-0776 | ewater@adeca.alabama.gov

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Glimpse of eWater Portal



ADECA Home Certificates Contact
Kenneth W. Boswell, ADECA Director

Certificates

- DBU Home**
- Certificate**
- Groundwater
- Surface Water
- Discharge Facilities
- Bulk Sales/Purchases
- Drought Conservation Plan
- Comments
- Attachments
- Review

DBU/COU Home

COU# 1349 - **MH Test Public** **Public**

The various links provide access to the specific sections of your information on file.

Save Saves work in progress. You **MUST** click **Save** within each section or all changes will be lost.

Cancel Cancels any pending changes made on a particular screen and returns to previous screen.

Certificate	Surface Water Annual Usage	Bulk Sales Annual Usage
Groundwater	Discharge Facilities	Bulk Purchases Annual Usage
Groundwater Annual Usage	Discharge Annual Usage	Drought Conservation Plan
Surface Water	Bulk Sales/Purchases	Comments

Ask Question

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Fax: (334) 242-0776 | ewater@adeca.alabama.gov
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Glimpse of eWater Portal

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

Certificate Of Use General Information

coupr 1349 - **MH Test Public**

Public

Station: Official

Action: ☒ New ☐ No Substation: FWS - Military

SACS Code: CSDM Primary county: Jackson

Public Water System Information

PWSID number: AUST008

Service Area

Counties NOT in Service Area

Counties IN Service Area

Please select all counties within service area.

Connections Residential: 0 City Non-Residential: 000

Municipalities in the Service Area: Princeton

Water Treatment Facilities (if applicable): WTR 1

Owner Information

Information in the sections associated with the Owner of the Certificate of Use:

Owner name: Joe Test Subject

Address: 691 Adams Avenue

Address Line 2: Suite 400

City: Montgomery State: Alabama Zip: 36104

Work phone: (334) 243-5483 Cell: (334) 243-5481 Fax: (334) 243-0775

Email: mjphillips@gmail.com

Point of Contact Information

This is the primary contact for this Certificate of Use.

Name: Joe First name: Michael Middle: J

Last name: Morgan Title: LIAISON

Address: 691 Adams Avenue

Address Line 2: Suite 400

City: Montgomery State: Alabama Zip: 36104

Work phone: (334) 243-5483 Cell: (334) 243-5481 Fax: (334) 243-0775


Email: mjphillips@gmail.com

Your Certificate: ☒ Conditional

Add Question

Please: (334) 243-5163, or toll free: 1-877-ALA-WATER
Fax: (334) 243-9776 | environment@montgomery.gov
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Glimpse of eWater Portal

[Home](#) [Certificates](#) [Contact](#)

Kenneth W. Boswell, ADECA Director

Certificates
[DBU Home](#)
[Certificate](#)
[Groundwater](#)
[Surface Water](#)
[Discharge Facilities](#)
[Bulk Sales/Purchases](#)
[Drought Conservation Plan](#)
[Comments](#)
[Attachments](#)
[Review](#)

Surface Water
COU# 1349 - **MH Test Public** Public
 Filter Add New
Show entries

	Surface Water Name	Status	Water Source
<input checked="" type="checkbox"/>	Intake # 1	Active	river
<input checked="" type="checkbox"/>	Intake # 2	Active	river
<input checked="" type="checkbox"/>	Intake # 3	Active	river

Previous 1 Next

Back

Ask Question

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Fax: (334) 242-0776 | ewater@adeca.alabama.gov
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Glimpse of eWater Portal (cont.)

- 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:

Active: ☒ Yes ☐ No

Start Date: Critical Intake Elevation (ft):

Average Withdrawal (mgd):

Pumping Capacity (gpm): Maximum Withdrawal (mgd):

Estimation Method: ☒ Metered ☐ Worksheet ☐ Other

Location Information

Latitude: Longitude: Map

County:

River Basin: Select Basin

Subbasin:

Reach Number: NHD Number:

Location Map: 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: Delete

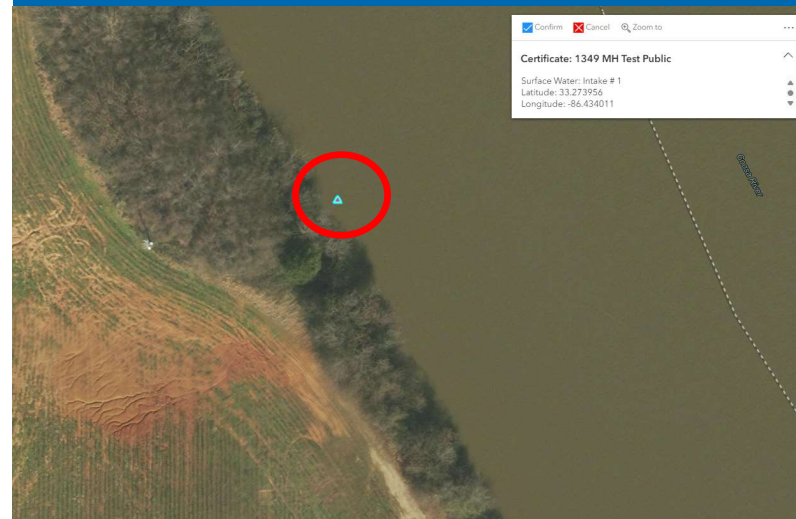
Lease Agreement: Browse

Property Deed: Browse

Property Tax Record/Statement: Browse

Other: Browse


Other Supporting Document Description:




Glimpse of eWater Portal (cont.)

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



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



Owner Name:

2

Facility Name:

Latitude: Longitude:

Address Line 1:

Address Line 2:

City: State: ZIP Code:

Estimated Maximum Withdrawal Capacity: Million Gallons/Day (mgd)

Estimated Average Annual Withdrawal: Million Gallons/Year (mgy)

Water Use Reporting Requirement:

As a condition of this Certificate of Use, the 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 may be developed and approved by the Office of Water Resources for appropriateness prior to submission.

Issued by the Office of Water Resources in accordance with the Alabama Water Resources Act, Code of Alabama 1975, Section 9-8B5-19 and the Administrative Rules implementing the Alabama Water Use Reporting Program.

Dy: *Michael Horvath* Issued on:


J. Brian Allen, PE, Division Chief
Office of Water Resources
Alabama Department of Economic and Community Affairs
Last Revised on:

Certificate of Use
EXPIRATION DATE:

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 2400 401 Adams Avenue Montgomery, AL 36102-0000 (205) 242-5499 Fax (205) 242-0776

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



Owner Name:

2

Withdrawal

Facility Name	Source (Aquifer, Water Body, etc.)	Maximum Capacity (mgd)	Average Use (mgd)
Latitude	Longitude		
Groundwater			
Groundwater Subtotals:		<input type="text"/>	<input type="text"/>
Surface Water			
Surface Water Subtotals:		<input type="text"/>	<input type="text"/>
Total Withdrawals:		<input type="text"/>	<input type="text"/>

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Glimpse of eWater Portal

User Home Page

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[Ask Question](#)

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Fax: (334) 242-0776 | ewater@adeca.alabama.gov

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Glimpse of eWater Portal (cont.)

Annual Use

Annual Usage Home

COU# 3.1 - **Albertville Municipal Utilities Board**

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

Annual Usage

Add New

Surface Water

Annual Usage

0 of 2 Completed

Enter Usage

Add New

Discharge

Annual Usage

0 of 2 Completed

Enter Usage

Add New

Bulk Sales

Annual Usage

0 of 5 Completed

Enter Usage

Add New

Bulk Purchases

Annual Usage

Add New

Contact Information

Annual Reporting

Update

Glimpse of eWater Portal (cont.)

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

Groundwater Annual Usage

COU# 1358 - **MH Public DBU Validation Test No. 1**

1

Year: 2021

Status: Not Submitted

	Daily Average by month in Million Gallons per Day (mgd)	Peak Day in Million Gallons per Day (mgd)
January	2 <small>Average must be less than the Maximum Withdrawal 0.288</small>	5 <small>Peak must be less than the Maximum Withdrawal 0.288</small>
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		


Save Cancel

Development Progress eWater Portal (continued)

➤ Next Steps

- Final rollout for Internal Administrative users
 - Data refresh
 - Portal and Laserfiche Repository
 - Switch-over from legacy eWater to new eWater Portal
- Creation of eWater webpage
 - Links to training videos and other information


Annual Use Paper Forms



Alabama Water Use Reporting Program

PUBLIC Annual Water Use Report

Groundwater Withdrawal Form



Certificate Number: [REDACTED]

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



Certificate Number: [REDACTED]

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		

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

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
- 
- The bottom right corner of the slide features a decorative graphic of several concentric circles, resembling ripples on water, rendered in a lighter shade of blue against the main blue background.

Drought Planning and Response



FINAL



ALABAMA DROUGHT MANAGEMENT PLAN

Alabama Department of Economic and
Community Affairs
(ADECA)

Alabama Office of Water Resources

November 30, 2018

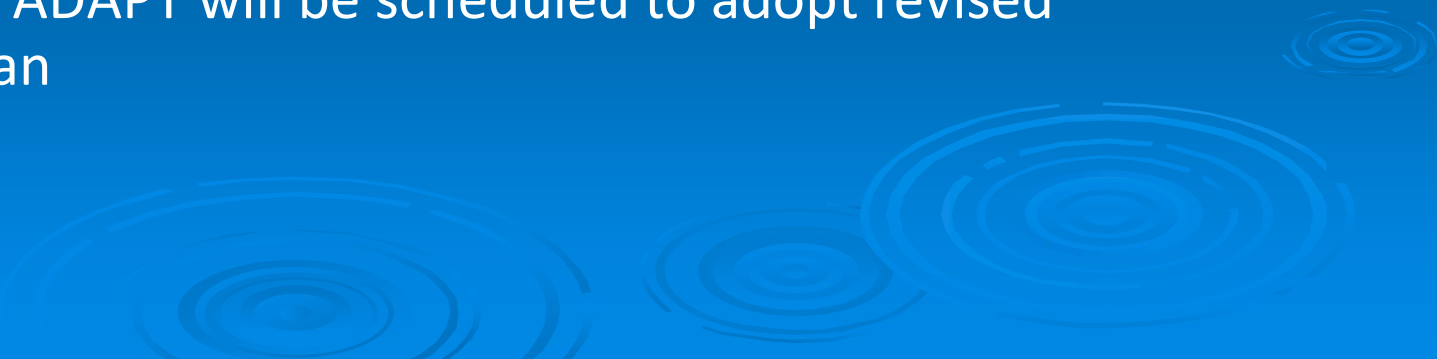


Alabama Drought Plan History

- Plan provides the basic operating guidelines for responding to droughts
- Last revised on November 30, 2018
- Required review every five years in accordance with the Alabama Drought Planning and Response Act



Drought Plan Update Process

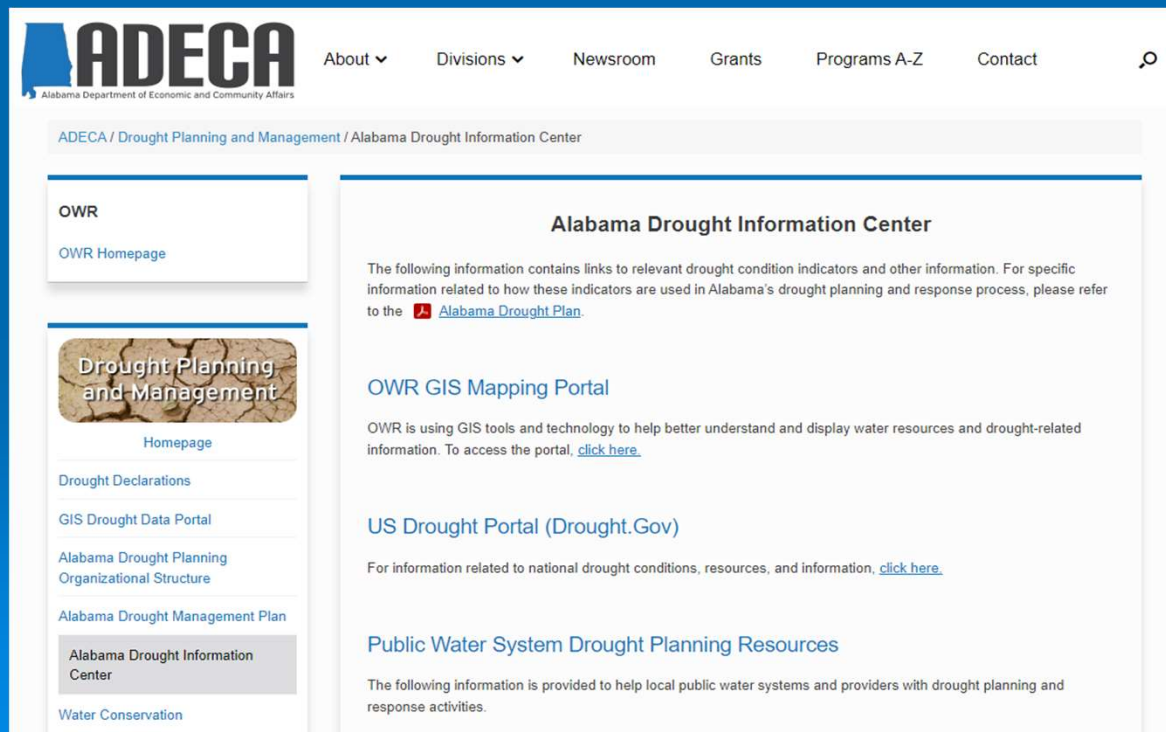
- Drafts were distributed to MIG members including:
AWRC / State Climatologist / TVA / Alabama Power /
PowerSouth / SWCC / GSA / ADEM
 - OWR has received comments from MIG for proposed
revisions
 - Monthly updates are provided to the MIG group as
proposed revisions are evaluated
 - Meeting of ADAPT will be scheduled to adopt revised
Drought Plan
- 

Alabama Drought Management Plan Update

- Updated Acronym List
- Updated meeting procedures to comply with Open Meetings Act
- Updated ACT Master Water Control Manual to most recent version (April of 2022)
- Revised PowerSouth System Management, Overview of Facilities
- Revised Red Flag Warning criteria
- Added additional information weather links
- Updated Monitoring Information for drought conditions
- Added a section for Flash Drought
- Updated Attachment 7 map to reflect ACF Master Water Control Manual update
- Expanded MIG meeting procedures
- Defined MIG Members

Drought Management Plan

- Current plan can be found at <https://adeca.alabama.gov/drought/alabama-drought-plan/>





Release Date: September 25, 2024

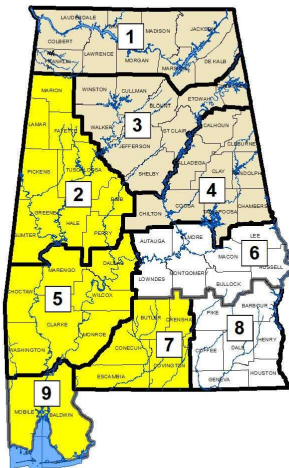


For Public Dissemination Alabama Drought Declaration

In accordance with the Alabama Drought Planning and Response Act (Code of Ala. 1975, §9-10C-1, et seq.) and the Alabama Drought Management Plan, the ADECA Office of Water Resources (OWR), based on a review of current and anticipated conditions, has declared the following portions of Alabama to be under the specified drought declaration levels.

Declaration Level

Emergency	None
Warning	None
Watch	Drought Regions 1, 3, and 4 which includes the counties of: Blount, Calhoun, Chambers, Cherokee, Chilton, Clay, Cleburne, Colbert, Coosa, Cullman, DeKalb, Etowah, Franklin, Jackson, Jefferson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan, Randolph, Shelby, St.Clair, Talladega, Tallapoosa, Walker, and Winston.
Advisory	Drought Regions 2, 5, 7, and 9 which includes the counties of: Baldwin, Bibb, Butler, Choctaw, Clarke, Conecuh, Covington, Crenshaw, Dallas, Escambia, Fayette, Greene, Hale, Lamar, Marengo, Marion, Monroe, Perry, Pickens, Sumter, Tuscaloosa, Washington, and Wilcox.
None	Drought Regions 6 and 8 which includes the counties of: Autauga, Barbour, Bullock, Coffee, Dale, Elmore, Geneva, Henry, Houston, Lee, Lowndes, Macon, Montgomery, Pike, and Russell.



Legend
No Drought Declaration
Advisory
Watch
Warning
Emergency

Recent precipitation has relieved drought conditions for parts of the state, but drought conditions continue to linger for the northern half and western Alabama. Regions 1, 3, and 4 are classified at the "Watch" level, Regions 2, 5, 7, and 9 are classified at the "Advisory" level, and Regions 6 and 8 have been upgraded to No Drought Declaration. OWR will continue monitoring our water resources and update this Declaration as needed.

Water managers and public water system customers are encouraged to follow their local water system's recommendations regarding water use. All water users should make prudent decisions on their water use to protect available resources.


For further information, please visit our web site at water.alabama.gov and follow the links for Drought Planning and Management. You may also reach our office at (334) 242-5499, fax at (334) 242-0776, or e-mail at water@adeca.alabama.gov.

Current Alabama Drought Declaration

September 25, 2024

Public entities must report any drought actions to OWR

Summary

- Alabama has a successful and robust drought planning and response program
 - Focus is on communication and coordination of conditions, impacts, and forecasts
 - Current focus is on the update of the Alabama Drought Management Plan.
 - OWR website maintains updated drought information
- 

Questions?

Michael Harper

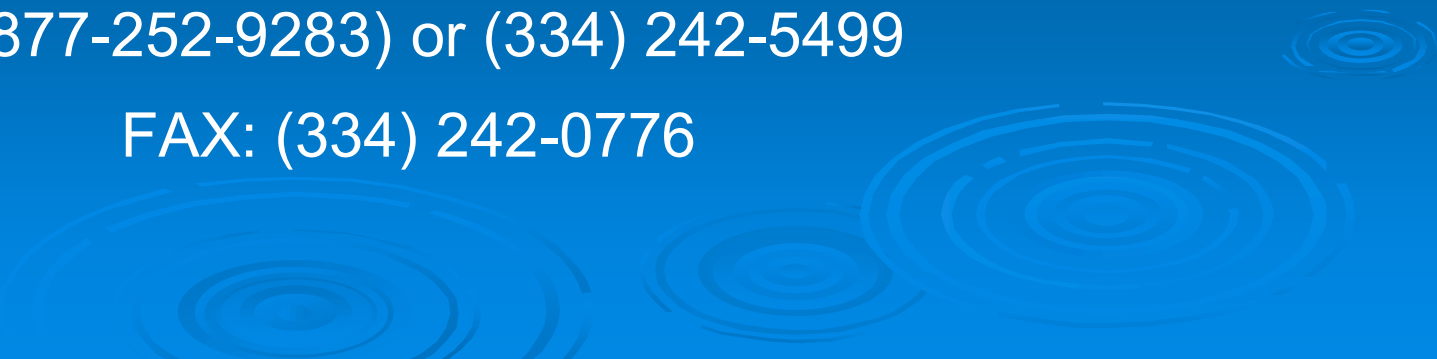
Alabama Office of Water Resources

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FAX: (334) 242-0776

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