



WATER RALLY: OVERVIEW OF THE ALABAMA WATER INFRASTRUCTURE RESOURCE HUB

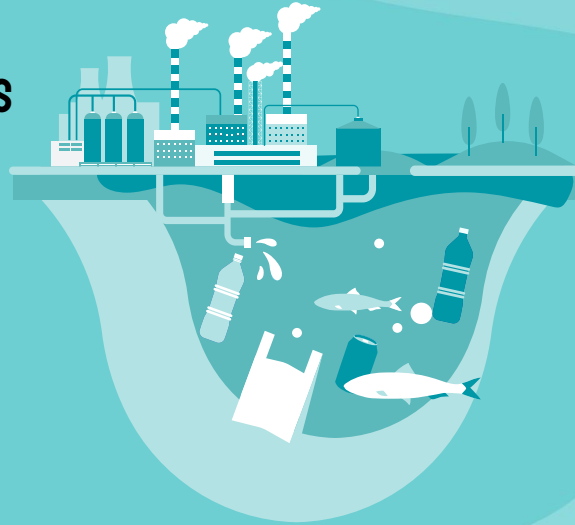
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Alabama Rivers Alliance

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FOCUS: WATER INFRASTRUCTURE





THE WEBSITE CAN BE FOUND AT [ALWATERHUB.ORG](https://alwaterhub.org)



**WELCOME TO THE ALABAMA
WATER INFRASTRUCTURE
RESOURCE HUB!**

WEBSITE OVERVIEW

Use this website to learn about resources available to governments, communities, and individuals related to clean water, drinking water, and wastewater infrastructure. You will find the following resource categories: general water infrastructure education; water infrastructure funding; key terms; maps of Alabama State Revolving Fund applications; and contact information for entities involved in water-related work. Navigation links in the website header will take you to each resource page. Resources are described in embedded Google Sheets and include hyperlinks to each source. Each resource page includes a form or email if you want us to add a resource.

RESOURCES ON EACH PAGE ARE DESCRIBED IN EMBEDDED GOOGLE SHEETS AND INCLUDE HYPERLINKS TO EACH SOURCE.

Water Infrastructure Resource Hub: Key Terms is a collection of resources that can help governments, communities, and individuals find definitions for key terms related to clean water, wastewater, and drinking water infrastructure.

Water Infrastructure Resource Hub : Key Terms			
Source Origin	Source Type	Source Title	Summary
Centers for Disease Control and Prevention	Website	Waterborne Disease & Outbreak Surveillance Glossary	This is a glossary from the Centers for Disease Control and Prevention that covers key terms related to waterborne contamination.
River Network	Subsection of a full report	State Revolving Fund Advocacy Glossary	River Network created an advocacy toolkit for "state and local advocates interested in water infrastructure investment who are seeking to better understand the State Revolving Fund (SRF) process". A glossary was a subsection in the report. The full report can be found by clicking the River Network heading under Source Origin.
U.S. Environmental Protection Agency	Website	Septic System Glossary	This is a glossary from the U.S. Environmental Protection Agency. The glossary covers key terms related to septic systems.
U.S. Environmental Protection Agency	Website	Drinking Water Glossary	This is a glossary from the U.S. Environmental Protection Agency. The glossary covers key terms related to drinking water as it pertains to our daily lives.
U.S. Environmental Protection Agency	Website	Drinking Water Technical & Legal Terms	This is a glossary from the U.S. Environmental Protection Agency. The glossary covers key terms related to drinking water, specifically technical and legal jargon.
U.S. Environmental Protection Agency	Website	Drinking Water Mapping Application Protect Source Waters (DWMAPS) Glossary	"DWMAPS is an online mapping tool that helps state and utility drinking water professionals in concert with other state and local mapping tools to update their source water assessments and protection plans." This glossary covers key terms that are used in the DWMAPS application. The glossary provides a link to the application as well.
U.S. Environmental Protection Agency	Website	How's My Waterway Glossary	"How's My Waterway is a web application that was designed to provide the general public with information about the condition of their local waters based on data that states, federal, tribal, local agencies and others have provided to EPA." This glossary covers key terms that are used in the How's my Waterway application. The glossary provides a link to the How's My Waterway application as well.
U.S. Environmental Protection Agency	Website	Private Wells Glossary	This is a glossary from the U.S. Environmental Protection Agency. The glossary covers key terms related to private wells.

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Water Infrastructure Resource Hub: Education Resources is a collection of resources that can help governments, communities, and individuals find information about clean water, wastewater, and drinking water infrastructure in Alabama and the United States. Many of the sources relate to Alabama's Clean Water State Revolving Fund (CWSRF) and the Drinking Water State Revolving Fund (DWSRF).

Water Infrastructure Resource Hub : Education Resources					
Source Origin	Source Type	Audience	Source Title	Summary	Focus: Drinking Water, Clean Water (pollution related, includes wastewater), or Both
Alabama Cooperative Extension System with Auburn and Alabama A&M	Website	Anyone who wants to learn about, improve, and protect community drinking water resources and private wells	Private Well Program	This program aims to educate residents about water quality issues, provide resources to domestic well owners about the maintenance and protection of their wells, empower well owners to get their drinking water quality tested, answer questions and concerns that well owners have, and form a network of private well users in Alabama.	Drinking Water
Alabama Department of Environmental Management	Website	Alabamians seeking out funding or information about clean drinking water or wastewater related projects	Alabama Water Projects	This is a website used to inform Alabamians about efforts to improve clean drinking water and wastewater service access. Individuals can find information about Clean Water State Revolving Fund projects and Drinking Water State Revolving Fund Projects that have been funded. The website also includes links to apply to the programs and fact sheets.	Both
Alabama Department of Environmental Management	Website	Anyone interested in what environmental regulations govern the state of Alabama	Alabama Environmental Regulations and Laws	This link on the Alabama Department of Environmental Management website provides links to all of the administrative codes and laws that govern Alabama's environmental management efforts.	Both
American Society of Civil Engineers	Report	Anyone interested in how Alabama is evaluated on a variety of infrastructure metrics	2022 Report Card for Alabama's Infrastructure	This is a report card for Alabama's infrastructure. Notable that as of 2022, the American Society of Civil Engineers gives Alabama a "D" grade on wastewater and stormwater management. Alabama received a C- for drinking water.	Both
		Anyone interested in best practices for state's	A New Era for the Drinking	This report provides examples of how states are responding to the changes the Bipartisan Infrastructure Law (BIL) made to the Drinking Water State Revolving Fund (DWSRF), particularly related to how to define "disadvantaged communities" and how changing criteria can better direct funding to projects located in disadvantaged communities. It	



CLICK HERE TO SEE AN EXAMPLE EDUCATION RESOURCE

Connect & Learn

- › Great Lakes Drinking Water Advocates Database
- › Online Community
- › River Rally
- › **Resource Library**
 - › State Revolving Fund Advocacy Toolkit
 - › The Clean Water Act Owner's Manual
 - › Equitable Infrastructure Toolkit
 - › Waste in Our Waters: A Community Toolkit for Aquatic Litter Removal
 - › Tools for Equitable Climate Resilience
 - › Drinking Water Guide: A Resource for Advocates
 - › Project Rain Barrel
 - › Careers & Professional Opportunities
 - › Peer Groups
 - › Events & Learning Sessions

STAY INFORMED

Infrastructure Investment and Jobs Act Resources

View the Peer Call "What's in the Infrastructure Investment and Jobs Act for Water" **Part 1** here:



Slides:

- › [What's in the Bills? IJJA + Build Back Better Act](#) – Julian Gonzalez, EarthJustice
- › [Infrastructure Implementation](#) – Becky Hammer, NRDC
- › [Natural Flood Management in Infrastructure Bills](#) – Eileen Shader, American Rivers

Peer Call "What's in the Infrastructure Investment and Jobs Act for Water" **Part 2**, led by American Rivers, explores the opportunities within IJJA related to removal, rehabilitation, and retrofit of dams and

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Water Infrastructure Resource Hub: Funding Resources is a collection of resources that can help governments, communities, and individuals find funding information for clean water, wastewater, and drinking water projects. Many of the sources include applications for funding resources, in addition to general information.

Water Infrastructure Resource Hub : Funding Resources					
Source Origin	Source Type	Audience	Source Title	Summary	Focus: Drinking Water, Clean Water (pollution related, includes wastewater) or Both
Alabama Department of Economic and Community Affairs	Website	Communities consisting of small/large towns or cities, and counties investing in infrastructure projects. Individuals are not eligible	Alabama Community Development Block Grant (CDBG) Program	Community Development Block Grant (CDBG) funds may be utilized to address a wide variety of community needs, including construction or renovation of various infrastructure projects such as water, wastewater, and solid waste facilities, streets, and flood control projects. The funds must be used for activities that either benefit low- and moderate-income persons or address community development needs that have a particular urgency.	Both
Alabama Department of Economic and Community Affairs	Website	Low income households with drinking water or wastewater needs	Low-Income Household Water Assistance Program (LIHWAP)	The Low-Income Household Water Assistance Program (LIHWAP) is a program funded through the U.S. Department of Health and Human Services' Office of Community Services (HHS-OCS). The purpose of the program is to provide emergency assistance to low-income households for drinking water and wastewater services. The site provides general information and application contact information.	Both
Alabama Department of Environmental Management	Website	State agencies, local governmental units, non-profit organizations, and public institutions with an active registration in the System for Award Management	Alabama Clean Water Act (CWA) Section 319 Nonpoint Source Management Grant	Alabama Nonpoint Source (NPS) Implementation Grants fund projects in support of Alabama's Nonpoint Source Management Program. Funding is distributed via a competitive process to projects that will lead to direct reductions in pollutant loads and measurable water quality improvements.	Drinking Water
Appalachian Region Commission	Website	State and local agencies and governmental entities, local governing boards, and nonprofit organizations investing in their communities	Alabama Appalachian Regional Commission (ARC) Area Development Fund	ARC provides funds for basic infrastructure services, including water and sewer facilities, that enhance economic development opportunities or address serious health issues for residential customers.	Both
Black Belt Unincorporated Wastewater		Low income homeowners in the Alabama blackbelt in need of onsite installation and maintenance	Black Belt Unincorporated	This organization provides site assessment, installation of new onsite wastewater systems, educational outreach, and system maintenance and monitoring to low-income	

CLICK HERE TO SEE AN EXAMPLE FUNDING RESOURCE

FUNDING EXAMPLE

Alabama Water and Wastewater Funding Sources

Compiled by the Environmental Finance Center Network, July 2022

Organization	Program (key words)	Gov. Entity	Non-Profit	For-Profit	Purpose or Use of Funds	How to Apply	Website	Contact
Alabama Department of Environmental Management (ADEM)	Drinking Water State Revolving Fund Loan Program (DWSRF) <i>(water)</i>	✓			The DWSRF program is available to fund a wide variety of drinking water and water supply projects. Certain types of "green" projects are also eligible.	ADEM will evaluate the pre-applications according to the integrated priority system. All projects that score above the funding line will be invited to submit full applications. Upon final review and approval, loans will close typically within six months. Forms can be accessed on website.	https://adem.alabama.gov/default.cfm	Brian Espy Chief, General Services Branch 334-271-7711 bespy@adem.alabama.gov P.O. Box 301463 Montgomery, Alabama 36130
	Clean Water State Revolving Fund Loan Program (CWSRF) <i>(sewer)</i>	✓			The CWSRF program is available to fund a wide variety of water quality and wastewater treatment projects as well as storm water projects. Certain types of "green" projects are also eligible.			
U.S. Environmental Protection Agency	Water Infrastructure Finance and Innovation <i>(water, wastewater)</i>	✓	✓	✓	The Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) established the WIFIA program, a federal credit program administered by EPA for eligible water and wastewater infrastructure projects. The WIFIA program offers loans with low, fixed interest rates and flexible financial terms. The minimum project size for small communities, population of 25,000 or less, is \$5 million.	The WIFIA application process is two phases. Prospective borrowers must submit a letter of interest for their project to the WIFIA program by the announced annual deadline. For each selected projects, the prospective borrower may submit an application, negotiate loan terms, and close its loan. Please check the WIFIA website for more information about program deadlines.	https://www.epa.gov/wifia	Karen Fligger wifia@epa.gov 202-564-2992 Pennsylvania Avenue, Northwest Mailcode 4201T Washington, District of Columbia 20460 1200
USDA Rural Development	Waste and Water Disposal Direct Loans and Grants <i>(water, sewer)</i>	✓	✓		The purpose of this program is to develop water and waste disposal systems in rural areas with populations less than 10,000. Fixed, low interest rates. Repayment - up to 40 years. Grants may be available.		http://www.rd.usda.gov/programs-services/water-waste-disposal-loan-grant-program/al	
	Water and Waste Disposal Guaranteed Loan Program <i>(water, sewer)</i>	✓	✓		The purpose of this program is to provide a loan guarantee for the construction or improvement of water and waste disposal projects serving the financially needed communities of rural areas. This is achieved through bolstering existing private credit structure through the guarantee of quality loans. Guarantees up to 90% available to eligible lenders.	Applications are accepted on a rolling basis. Paper applications are accepted, or applicants can register for and use RD Apply. Information is available here: http://www.rd.usda.gov/programs-services/rd-apply	http://www.rd.usda.gov/programs-services/water-waste-disposal-loan-guarantees/al	Allen Bowen allen.bowen@usda.gov 334-279-3617 For regional specific contact: https://www.rd.usda.gov/contact-us/state-offices/al
	Water and Waste Disposal Predevelopment Planning Grants <i>(water, wastewater)</i>	✓	✓		This program assists low-income communities with initial planning and development of an application for USDA Rural Development Water and Waste Disposal direct loan/grant and loan guarantee programs. The maximum is \$30,000 or 75% of the predevelopment planning costs.		http://www.rd.usda.gov/programs-services/water-waste-disposal-predevelopment-planning-grants/al	



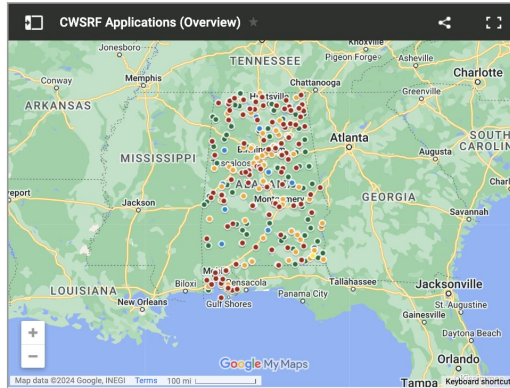
MAPS ARE DISPLAYED IN EMBEDDED GOOGLE MAPS

WATER INFRASTRUCTURE RESOURCE HUB: MAPS

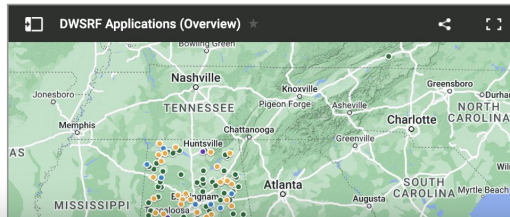
The **Water Infrastructure Resource Hub: Maps** is a resource to find out the status of your community's application to the Alabama State Revolving Fund. Use this page to look up your community and see if they have applied for drinking water or clean water infrastructure funding as of the most recently available data from September 2023.

For more information about the status of Alabama's water projects and applications for funding, visit Alabamawaterprojects.com. To locate specific project application files, find the application on Alabamawaterprojects.com, note the project number, and search the project number on ADEM's e-filing system.

Alabama: Clean Water State Revolving Fund Applicants



Alabama: Drinking Water State Revolving Fund Applicants

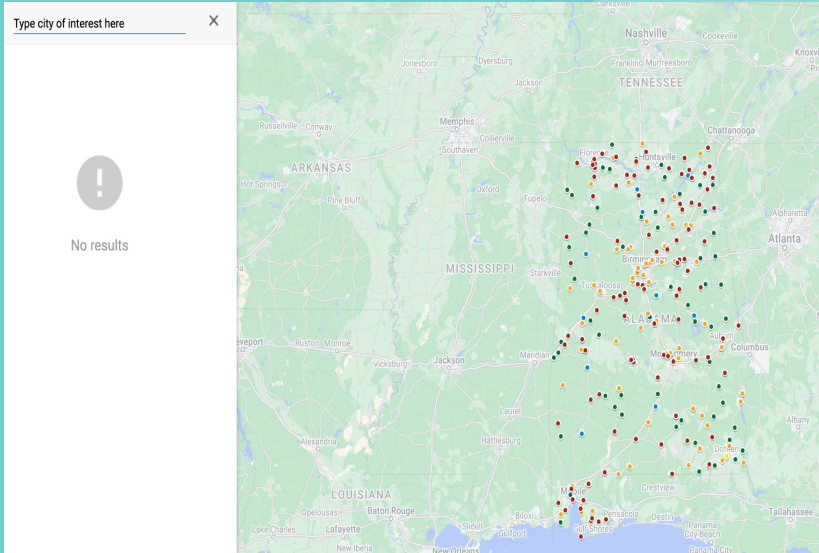
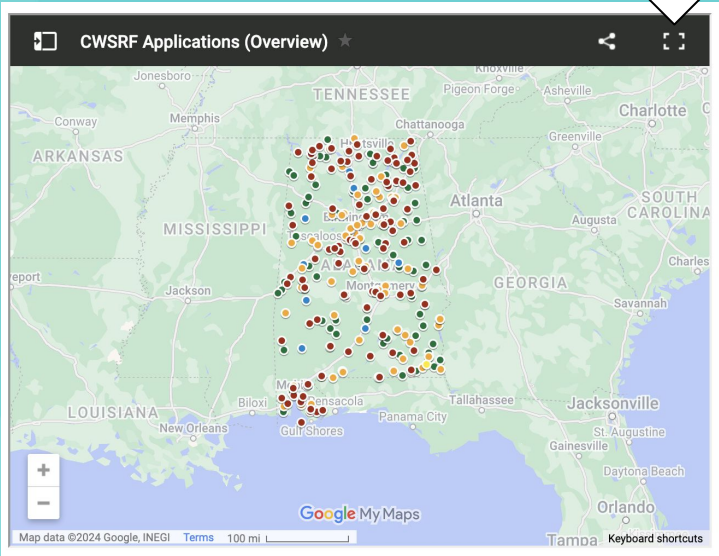


CURRENTLY AVAILABLE MAPS

- **CLEAN WATER STATE REVOLVING FUND APPLICANTS**
- **DRINKING WATER STATE REVOLVING FUND APPLICANTS**
- **TYPES OF CLEAN WATER STATE REVOLVING FUND APPLICANTS**

MAPS ARE DISPLAYED IN EMBEDDED GOOGLE MAPS

MAPS



ON THE MAPS PAGE, CLICK THE ICON THAT THE ARROW IS POINTED AT.

THIS WILL OPEN A LARGER VIEW OF THE MAP WITH A SEARCH TOOL. TYPE IN YOUR CITY OF INTEREST TO LEARN MORE ABOUT STATE REVOLVING FUND APPLICATION STATUS IN THAT REGION.

RESOURCES ON EACH PAGE ARE DESCRIBED IN EMBEDDED GOOGLE SHEETS AND INCLUDE HYPERLINKS TO EACH SOURCE.

Water Infrastructure Resource Hub: Contacts is a collection of resources that can help governments, communities, and individuals find contact information for entities involved with clean water, wastewater, and drinking water infrastructure (or similar initiatives).

Water Infrastructure Resource Hub : Contacts			
Organization	Name	Email	Notes
Alabama Department of Environmental Management	Eric Reidy	eric.reidy@adem.alabama.gov	Eric is SRF Branch Chief. He is the contact for Alabama State Revolving Fund questions.
Alabama Department of Environmental Management	Brian Epsy	Bespy@adem.alabama.gov	Brian is Chief of General Services Branch at the Alabama Department of Environmental Management. He is the contact for general services questions.
Alabama Onsite Wastewater Association	Cathe Baker	CBaker@asginfo.net	The Alabama Onsite Wastewater Association (AOWA) is a non-profit trade association representing septic tank manufacturers, installers, pumpers, portable restroom operators and others in the onsite wastewater industry.
Consortium for Alabama Rural Water and Wastewater Management	Lacey Christian	laceychristian@southalabama.edu	The Consortium for Alabama Rural Water and Wastewater Management was established in 2018 to facilitate communication and coordination of activities for resolving the issues associated with drinking water quality and the lack of adequate wastewater management and access in the rural Black Belt region of Alabama.
Environmental Policy Innovation Center	Maureen Cunningham	maureen@policyinnovation.org	EPIC is an environmental nonprofit based out Maryland. They are involved with several water infrastructure projects that may be of some interest to water advocates. The projects include these topics: lead pipe replacement, water governance and equity, diverse water sector leadership, state revolving fund reform, and funding for utilities. Maureen is the Chief Strategy Officer and Director of Water.
			In 2022, EPA announced the selection of 29 Environmental Finance Centers (EFCs) that will help communities across the country access federal funding for infrastructure projects that improve public health and environmental protection. The EFCs will deliver targeted technical assistance to local governments, states, Tribes, Territories, and non-governmental organizations to protect public health, safeguard the environment, and advance



FEEDBACK

FEEDBACK FORMS ARE AVAILABLE ON MOST PAGES OF THE WEBSITE.

DO YOU WANT TO ADD A RESOURCE?

This is a crowdsourced resource list. *If you have a resource to add to the Water Infrastructure Resource Hub, please fill out this form or email us at info@alabamarivers.org*

Email (required)

Message (required)

Resource Category (required)

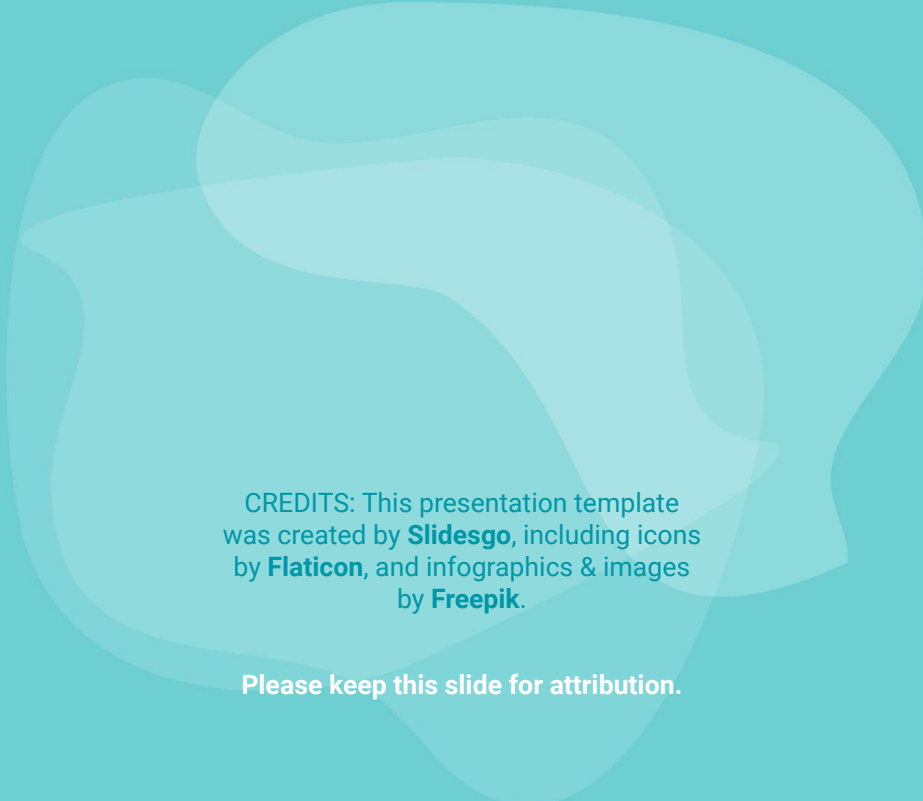
- Education Resource
- Funding Resource
- Key Terms
- Maps
- Contacts
- Other

THANKS FOR LISTENING!

ANY QUESTIONS ?

SUGGESTIONS? CONCERNS?





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