



**NATURAL RESOURCES  
DIVISION**

**Multibasin Regional Water Council Meeting  
November 12, 2021**

# 2021 Water And Wastewater Funding

## Federal Programs

- |   |              |
|---|--------------|
| • Clean Water Revolving Loan Fund Program(18)     | \$78,325,068 |
| • Drinking Water Revolving Loan Fund Program(17)  | \$39,187,607 |
| • CWSRF Agriculture Water Quality Loan Program(3) | \$241,166    |

## State Programs

- |                                   |              |
|-----------------------------------|--------------|
| • Water Development Fund(14)      | \$4,426,082  |
| • Water Sewer and Solid Waste(13) | \$3,937,585  |
| • General Obligation Bonds(1)     | \$28,681,838 |

# American Rescue Plan Act

The Arkansas American Rescue Plan Act  
(ARPA) Steering Committee

The State Fiscal Recovery Fund for Arkansas  
- \$1.573 Billion (not counting funds  
distributed directly to Cities and Counties)

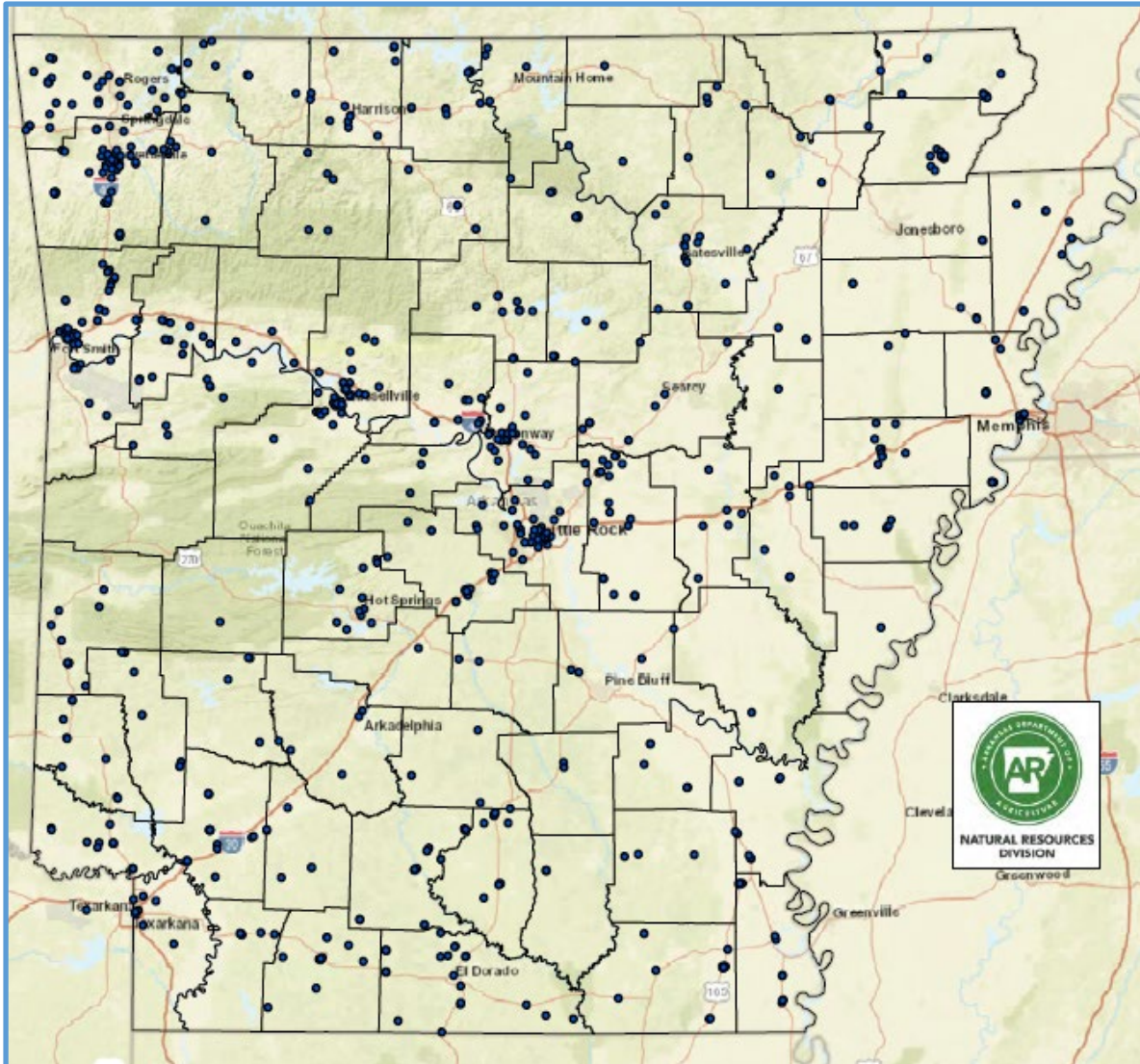
Primary Use – Water, Wastewater and  
Broadband Infrastructure



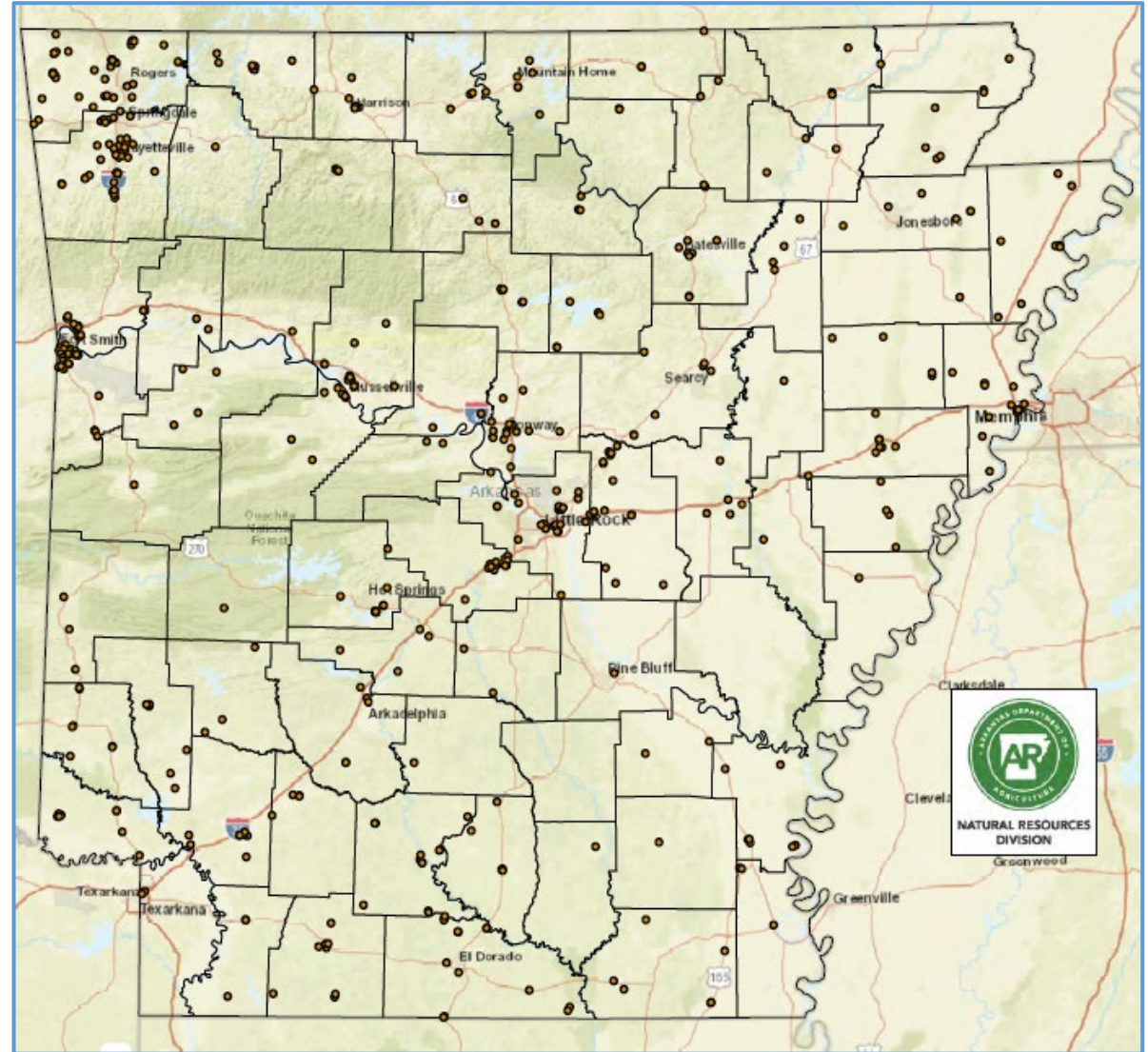
# Needs Survey Results

Project Type	Water	Wastewater	Stormwater	Dam/Levee	Mixed Project	Total
<b>Total</b>	<b>\$2,926,970,868</b>	<b>\$1,924,023,078</b>	<b>\$308,970,698</b>	<b>\$3,140,750</b>	<b>\$104,188,150</b>	<b>\$5,267,293,543</b>
<b>Projects Submitted</b>	<b>728</b>	<b>503</b>	<b>151</b>	<b>3</b>	<b>32</b>	<b>1417</b>
<b>Projects Submitted Without Costs</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>1</b>	<b>18</b>
<b>Average Project Costs</b>	<b>\$4,031,640</b>	<b>\$3,863,500</b>	<b>\$2,191,282</b>	<b>\$1,046,917</b>	<b>\$3,360,908</b>	<b>\$3,765,042</b>
<b>Median Project Cost</b>	<b>\$879,200.00</b>	<b>\$1,575,000.00</b>	<b>\$600,000.00</b>	<b>\$100,000.00</b>	<b>\$1,000,000.00</b>	<b>N/A</b>
<b>Projects willing to cost share a portion of the project cost</b>	<b>400</b>	<b>299</b>	<b>114</b>	<b>1</b>	<b>23</b>	<b>837</b>
<b>Percentage of projects willing to cost share a portion of the project</b>	<b>55%</b>	<b>59%</b>	<b>75%</b>	<b>33%</b>	<b>72%</b>	<b>59%</b>
<b>The project has undergone review by the State Water and Wastewater Advisory Committee (WWAC)</b>	<b>79</b>	<b>64</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>145</b>
<b>The project has been approved for funding</b>	<b>50</b>	<b>59</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>119</b>
<b>Final engineering plans are completed for the project</b>	<b>77</b>	<b>79</b>	<b>14</b>	<b>0</b>	<b>4</b>	<b>174</b>
<b>The project is already under construction</b>	<b>24</b>	<b>19</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>51</b>
<b>The purpose of the proposed project is to correct noncompliance with a state or federal rule</b>	<b>90</b>	<b>170</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>271</b>
<b>Percentage of projects intended to correct noncompliance with a state or federal rule</b>	<b>12%</b>	<b>34%</b>	<b>3%</b>	<b>33%</b>	<b>16%</b>	<b>19%</b>
<b>Average Months to Complete Project After Bidding</b>	<b>13</b>	<b>15</b>	<b>13</b>	<b>11</b>	<b>19</b>	<b>N/A</b>
<b>Median Months to Complete Project After Bidding</b>	<b>12</b>	<b>12</b>	<b>10</b>	<b>11</b>	<b>16</b>	<b>N/A</b>

# Drinking Water Project Locations

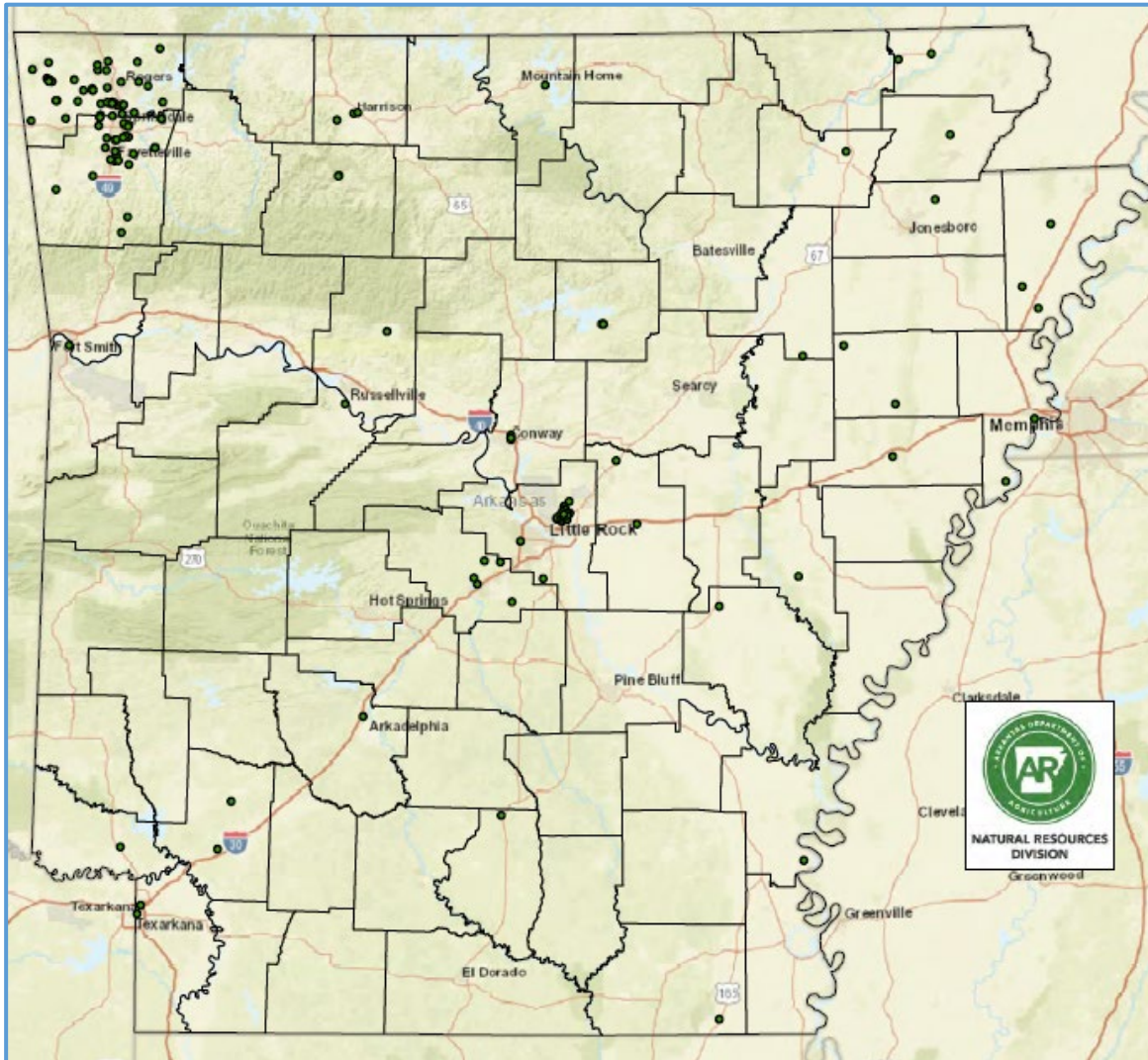


# Wastewater Project Locations



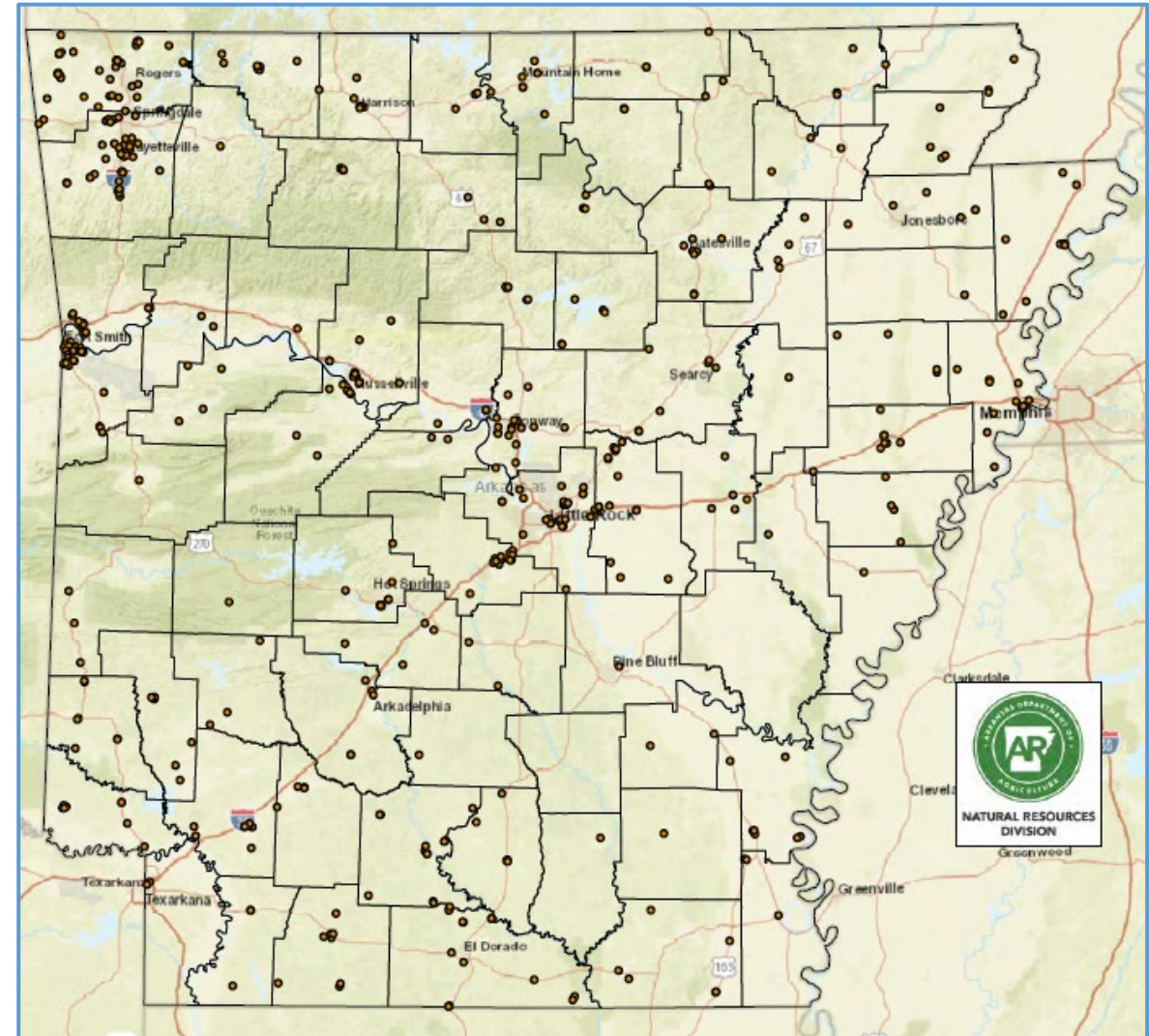
# Stormwater Project Locations

This map includes projects submitted under the needs survey to address stormwater, floodplain, nonpoint source pollution, dams, levees and related projects



# Mixed Project Locations

This map includes projects submitted under the needs survey that listed multiple project types including wastewater, drinking water and stormwater



# Proposed Grant Program Criteria

GRANT ALLOCATION RECOMMENDATIONS	
Drinking Water	\$300,000,000
Wastewater Treatment and Collection	\$200,000,000
Stormwater, Floodplain, Non-point, Dam/Levee	\$50,000,000
Technical Assistance – Water and Wastewater Systems	\$1,000,000
<b>TOTAL</b>	<b>\$551,000,000</b>

- Grant Program to be administered by the Arkansas Department of Agriculture through the Arkansas Natural Resources Commission
- Maximum Grant Amount - \$10,000,000 per entity for each project type.
- Minimum Cost Share Requirement: The cost share required for drinking water and wastewater collection and treatment projects proposed under this program will be subject to the following percentages based on the median household income for the city(ies) and/or County(ies) served by the proposed project\* and according to the following chart:

Median Household Income Level*	Cost Share Percentage
<\$30,000	0%
\$30,000 - \$50,000	25%
>\$50,000	50%

\*Project area MHI is the average of the most recent three (3) years of available data on the ACS 5-year estimates provided by UALR.



# Proposed Schedule

*\* The Arkansas Department of Agriculture anticipates holding a minimum of three webinars to assist communities in completing the application for funding*

<b>Funding Approval</b>	<b>X</b>
<b>Application Period Opens*</b>	X + 15 Days
<b>Applications Due</b>	X + 75 Days
<b>Applications Reviewed and Scored</b>	X + 100 Days
<b>ANRC Commission Meeting</b>	X + 115 Days
<b>Projects Given Notice of Award – Determined Eligible under the American Rescue Plan Act</b>	X + 145 Days
<b>Entity Certification of All Funds Approved</b>	X + 300 Days
<b>Construction Start Date Deadline</b>	December 31, 2023
<b>Construction Complete Deadline</b>	December 31, 2026





# Proposed Drinking Water Project Evaluation Criteria

Project Evaluation Criteria	Points Possible	Performance Measure
1. Provides Water Supply Benefits	10	Reduction in groundwater use.
	5	Percentage of project area implementing water use efficiency or conservation best management practices
2. Drinking Water Quality Improvements	10	Water quality violations requiring immediate action. Contaminant Level (MCL) violations as well as lead Action Level exceedances.
	5	Improvement to water quality parameters primarily deemed aesthetic rather than having significant health ramifications.
3. Consolidates or restructures a public water system	10	Project will result in the regionalization or consolidation of water systems
	5	Project will extend public water to underserved areas from an existing water system
4. Provides benefits and avoid adverse impacts to financial distressed or disadvantaged communities	5	Median household income for the city(ies) and/or County(ies) served by the proposed project <\$36,000
	5	County(ies) served by the project has a population decline > 5% during the previous decade
	5	Percentage of project benefitting disadvantaged communities
	5	Current Average 4,000-gal water bill/median Household Income
5. Address Noncompliance with State or Federal Laws/Rules	5	Facility has received inspections that show noncompliance or are under a State or Federal enforcement order.
6. Cost effectiveness	10	Standardized unit cost indicator measuring cost per unit of benefit
	5	Dual Use Projects. - Projects that incorporate new or inventive measures to improve additional infrastructure within the community
7. Project readiness	10	Phase of project development
8. Modernizes system and improvements in instrumentation or improves cybersecurity	5	Project will enhance operational and maintenance programs for long term through instrumentation upgrades and remote sensing and/or the project is designed to improve cybersecurity of the water system



# Proposed Wastewater Treatment and Collection Evaluation Criteria

Project Evaluation Criteria	Points Possible	Performance Measure
1. Provide water quality benefits	15	Volume of water treated.
	10	Amount of reduced Infiltration and Inflow
2. Extent to which the project reduces Nutrients	7	Project is designed to specifically treat and remove nutrients.
	3	Project will result in an indirect reduction in nutrients
3. Project Location in relation to the 303d list, source water protection areas or Watershed with a Watershed Management Plan	5	Project will result in water quality improvements to an impaired waterbody on the 303d list.
	5	Percent of the project located in a recognized source water protection area.
	5	Project is located within a watershed with an EPA accepted Watershed Management Plan developed in accordance with Section 319 of the Clean Water Act
4. Consolidates or restructures a public wastewater system	10	Project will result in the regionalization or consolidation of wastewater systems
	5	Project will extend wastewater to underserved areas from an existing wastewater system
5. Provides benefits and avoid adverse impacts to financial distressed or disadvantaged communities	5	Median household income for the city(ies) and/or County(ies) served by the proposed project <\$36,000
	5	County(ies) served by the project has a population decline > 5% during the previous decade
	5	Percentage of project benefitting disadvantaged communities
	5	Current Average 4,000-gal water bill/median Household Income
6. Address Noncompliance with State of Federal Laws/Rules	5	Facility has received inspections that show noncompliance, are under a State or Federal enforcement order, or are listed on the EPA Significant Non-compliance List
7. Cost effectiveness	10	Standardized unit cost indicator measuring cost per unit of benefit
	5	Dual Use Projects. - Projects that incorporate new or inventive measures to improve additional infrastructure within the community
8. Project readiness	10	Phase of project development
9. Modernizes system and improvements in instrumentation or improves cybersecurity	5	Project will enhance operational and maintenance programs for long term through instrumentation upgrades and remote sensing and/or the project is designed to improve cybersecurity of the water system



# Proposed Stormwater Evaluation Criteria

Project Evaluation Criteria	Points Possible	Performance Measure
1. Project eliminates or reduces flooding in residential, commercial, or other areas	20	The project is intended to address documented and repeated flooding.
2. Project will measurably reduce pollutant discharges and improve water quality	10	Project will result in a direct improvement to water quality.
	5	Project will result in an indirect improvement to water quality.
3. Project Location in relation to the 303d list or source water protection areas	5	Project will result in water quality improvements to an impaired waterbody on the 303d list.
	5	Percent of the project located in a recognized source water protection area.
4. State nonpoint source program.	10	Percent of project located within an Arkansas Nonpoint Source Pollution Program Priority Watershed or a Watershed with an EPA accepted Watershed Management Plan developed in accordance with Section 319 of the Clean Water Act
5. Increase resource- efficient land use and reduce impact on natural hydrology	5	Percentage of project using Low Impact Development or other resource-efficient land use
	5	Impacts or changes to natural hydrology
6. Provides benefits and avoid adverse impacts to financial distressed or disadvantaged communities	10	Percentage of project benefitting disadvantaged communities
7. Address Noncompliance with State of Federal Laws/Rules	10	Facility has received inspections that show noncompliance or are under a State or Federal enforcement order.
8. Cost effectiveness	10	Standardized unit cost indicator measuring cost per unit of benefit
	5	Dual Use Projects. - Projects that incorporate new or inventive measures to improve additional infrastructure within the community
9. Project readiness	10	Phase of project development



# Infrastructure and Jobs Act - CWSRF

Provides three pots of funding for SRFs

- Any eligible SRF project
- Remediation of emerging contaminants(PFAS/PFOA)
- Lead service line replacement(SDWSRF)

Actual Funding (Not Authorized Funding)

Additional to Annual Budget

The funding is available until expended



# Additional Funding – State Revolving Funds

Year	Clean Water SRF	Drinking Water SRF	Total	Match	Additional Subsidy
<b>2022</b>	1,902,000,000	1,902,000,000	3,804,000,000	10%	49%
<b>2023</b>	2,202,000,000	2,202,000,000	4,404,000,000	10%	49%
<b>2024</b>	2,403,000,000	2,403,000,000	4,806,000,000	20%	49%
<b>2025</b>	2,603,000,000	2,603,000,000	5,206,000,000	20%	49%
<b>2026</b>	2,603,000,000	2,603,000,000	5,206,000,000	20%	49%
<b>Total</b>	\$11,713,000,000	\$11,713,000,000	\$23,426,000,000		

Reauthorizes the Clean Water and Drinking Water SRFs

2022: \$2.4 billion - 2023: \$2.75 billion - 2024: \$3 billion - 2025: \$3.25 billion - 2026: \$3.25 billion



# Arkansas Safe Drinking Water State Revolving Loan Fund

## Federal \$1.12 Billion Authorization

- Arkansas Cap Grant Allocation - \$16.6 Million
- Arkansas Cap Grant Match - \$3.3 Million

## Potential Additional Arkansas SDWSRF(49% PF)

- 2022 – Additional \$28 Million
- 2023 – Additional \$32 Million
- 2024 – Additional \$35 Million
- 2025 – Additional \$38 Million
- 2025 – Additional \$38 Million



# Arkansas Clean Water State Revolving Loan Fund

## Federal \$1.6 Billion Authorization

- Arkansas Cap Grant Allocation - \$10.4 Million
- Arkansas Cap Grant Match - \$2.1 Million

## Potential Additional Arkansas CWSRF(49% PF)

- 2022 – Additional \$12.3 Million
- 2023 – Additional \$14.3 Million
- 2024 – Additional \$15.6 Million
- 2025 – Additional \$16.9 Million
- 2025 – Additional \$16.9 Million



# Eligible CWSRF Projects

- **Construction of publicly owned treatment works**  
Assistance to any municipality or inter-municipal, interstate, or state agency for construction of publicly owned treatment works (as defined in CWA section 212).
- **Nonpoint source**  
Assistance to any public, private, or nonprofit entity for the implementation a state nonpoint source pollution management program, established under CWA section 319.
- **National estuary program projects**  
Assistance to any public, private, or nonprofit entity for the development and implementation of a conservation and management plan under CWA section 320.
- **Decentralized wastewater treatment systems**  
Assistance to any public, private, or nonprofit entity for the construction, repair, or replacement of decentralized wastewater treatment systems that treat municipal wastewater or domestic sewage.
- **Stormwater**  
Assistance to any public, private, or nonprofit entity for measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water.
- **Water conservation, efficiency, and reuse**  
Assistance to any municipality or inter-municipal, interstate, or state agency for measures to reduce the demand for publicly owned treatment works capacity through water conservation, efficiency, or reuse.
- **Watershed pilot projects**  
Assistance to any public, private, or nonprofit entity for the development and implementation of watershed projects meeting the criteria in CWA section 122.
- **Energy efficiency**  
Assistance to any municipality or inter-municipal, interstate, or state agency for measures to reduce the energy consumption needs for publicly owned treatment works.
- **Water reuse**  
Assistance to any public, private, or nonprofit entity for projects for reusing or recycling wastewater, stormwater, or subsurface drainage water.
- **Security measures at publicly owned treatment works**  
Assistance to any public, private, or nonprofit entity for measures to increase the security of publicly owned treatment works.
- **Technical assistance**  
Assistance to any qualified nonprofit entity, to provide technical assistance to owners and operators of small and medium sized publicly owned treatment works to plan, develop, and obtain financing for CWSRF eligible projects and to assist each treatment works in achieving compliance with the CW

