Arkansas's Nutrient Reduction Strategy

NATURAL RESOURCES DIVISION

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Arkansas

New Targeting Strategy for Advancing of the Arkansas Nutrient Reduction Strategy

2022
Arkansas Nutrient Reduction Strategy (ANRS)

HUC-8 Categories

➢Data analyses will inform final priority categorizations:

1. *Focus*, with robust data

2. *Possible focus*, but more data needed

3. *Not a Focus*, with robust data

4. *Likely Not a Focus*, but more data needed

➢Categories 1 and 2 represent priority status for nutrient reduction activities and for data collection to support future assessment, respectively
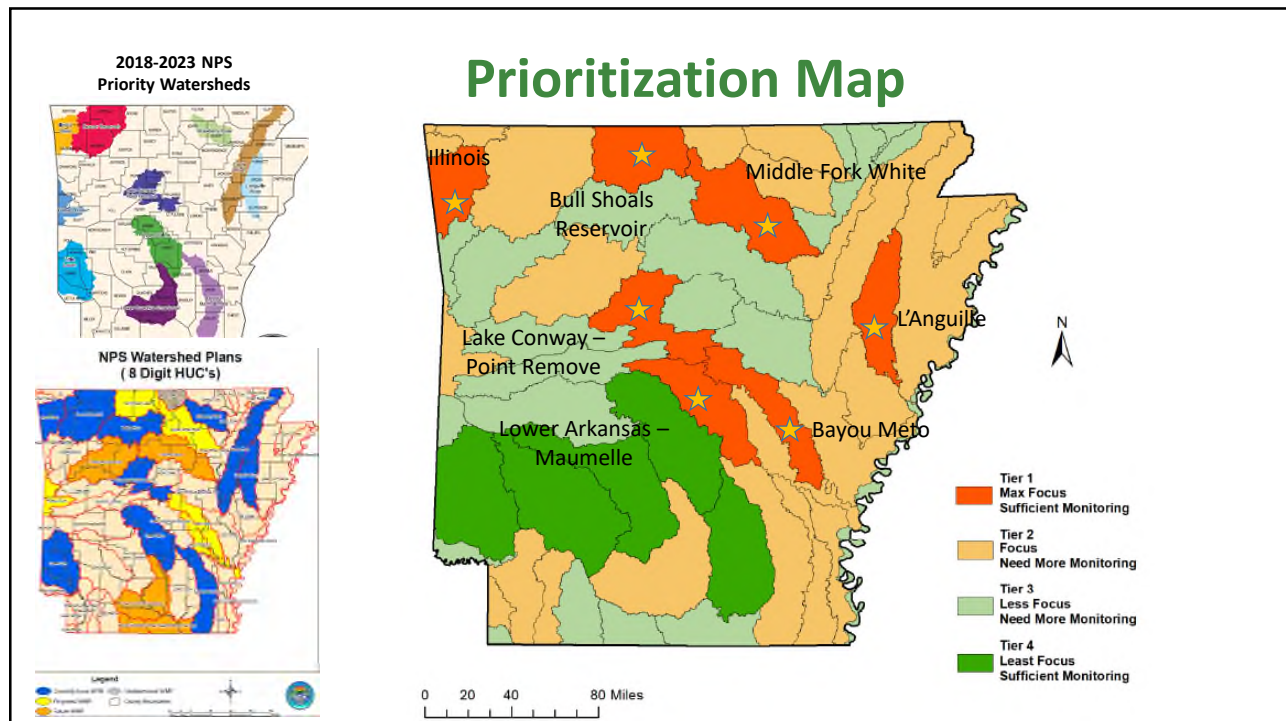
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Priority Categorization Synthesis

Category	Prioritization criteria	Data sufficiency criteria
1 – Focus, Sufficient Data	• Analysis shows nutrient reduction need in both TN and TP	• Min 4 sites for ≥ 50% of years • Qualified for both analyses
2 – Possible Focus, Limited Data	• Analysis shows nutrient reduction need in TN and/or TP (one must be flagged by Scenario 1) • MRBI priority or Nutrient Surplus Area (if no data)	• < 4 sites for ≥ 50% of years • Did not qualify for one or both analyses
3 – Not a Focus, Sufficient Data	• Nutrient reduction need not indicated, or indicated for only one nutrient	• Min 4 sites for ≥ 50% of years • Qualified for both analyses
4 – Likely Not a Focus, Limited Data	• Nutrient reduction need not indicated, or indicated for TN and/or TP by Scenario 2 only • NOT an MRBI priority or Nutrient Surplus Area (if no data)	• < 4 sites for ≥ 50% of years • Did not qualify for one or both analyses

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Prioritization Map

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Arkansas

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ANRS Update Goals and Strategies

The three main goals of ANRS are:

1. Increase or maintain downward nutrient trends in Tier I watersheds

2. Enhance water quality monitoring stations and increase or maintain downward nutrient trends in Tier 2 watersheds

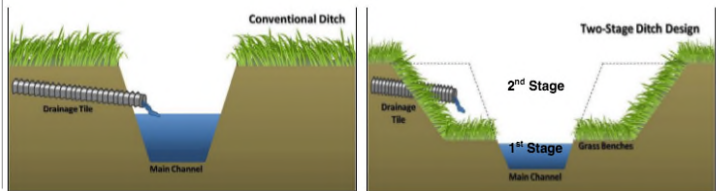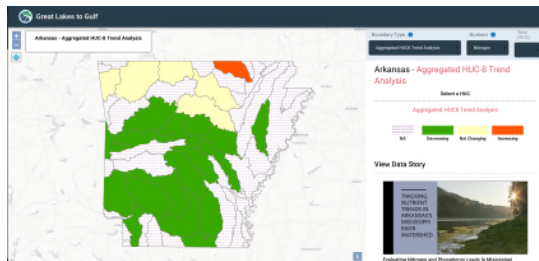3. Continue efforts to reduce nutrients in all watersheds

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ANRS: Next Steps

- Implementation – Gulf Hypoxia Program funding $4.7 million FY22-26
- ANRS workgroup development
- Best Management Practice Tracker Dashboard
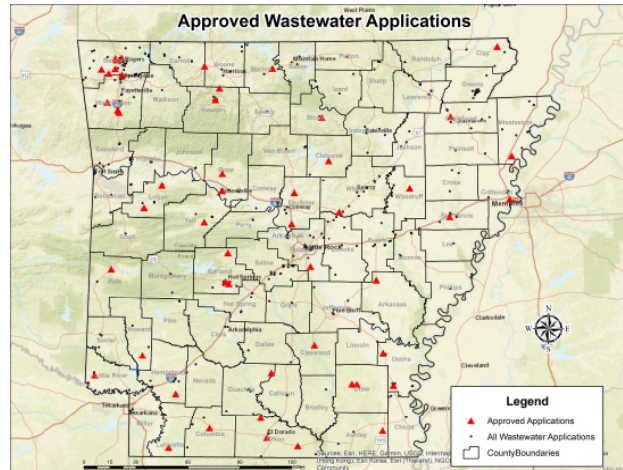- Great Lakes to Gulf Interactive Viewer

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American Recovery Plan Act
$135 Million For Wastewater Projects

- Based on the scoring criteria **52** wastewater projects with a total possible award of **$135,326,287** are recommended for approval.

- The average proposed award is **$2,602,428** per application and no entity can receive more than **$5,000,000**.

- The average Median Household income for the awarded projects is **$42,533/year**

- Statistics for the 52 projects are provided below:
  - 162 million Gallons per Day of Wastewater effluent will be improved,
  - 18 projects will improve water quality by reducing infiltration and inflow of wastewater,
  - 10 projects will result in partial or complete consolidation/regionalization of wastewater systems,
  - 6 projects will result in the extension of wastewater service to unserved portions of the state,
  - 21 projects will improve water quality in a waterbody currently impaired,
  - 42 projects will improve water quality in a watershed used for drinking water,
  - **44 projects will reduce nutrients with 22 projects directly treating for nutrients,**
  - 36 projects will be addressing regulatory consent orders or other compliance issues, and
  - 27 projects are in counties with >5% population decline during the previous decade.

Approved Wastewater Applications

Legend
- ▲ Approved Applications
- · All Wastewater Applications
- ☐ CountyBoundaries

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Thank You

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