

# **The Arkansas Nonpoint Source Management Plan Update**

## **Milestones**

**2011 – 2016**

**Allen Brown**

**Arkansas Natural Resources Commission**

**September 17, 2014**

# **MILESTONES**

## **2011 - 2016 NPS**

### **Management Plan Update**

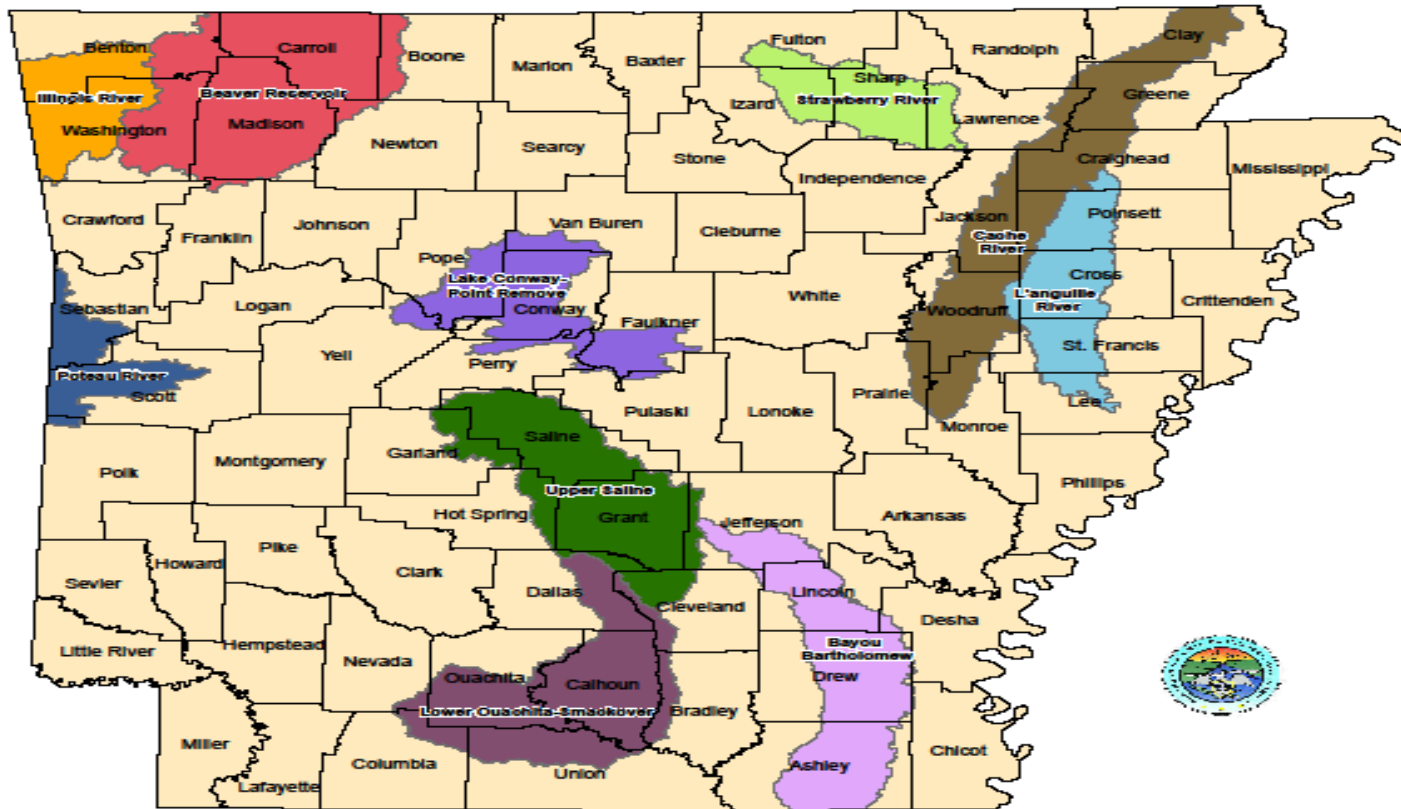
- **1. Continue the process of identifying 8-digit hydrologic unit areas for priority watersheds for program management purposes**

# **2011 - 2016 NPS Management Plan Update**

- **Will occur in concert with a thorough analysis of the modeling assumptions and metrics and be accompanied by significant validation efforts**
- **The risk assessment matrix will be updated as SWAT models are completed**
- **Priority watersheds will be evaluated and updated after the qualitative risk assessment matrix is updated**

# Priority Watershed Map

## *Selected 8 Digit HUC's*



0 20 40 80 Miles

# 2011 - 2016 NPS Management Plan Update

- **2 Continue to conduct strategic baseline monitoring in selected high priority 8-digit hydrologic unit areas within matrix-identified priority watersheds**
- **ANRC anticipates 3-4 priority watersheds will have baseline monitoring over the life of the plan**

# 2011 - 2016 NPS Management Plan Update

- **3 Continue to employ a formal annual review process of select NPS projects funded with CWA 319 grants aimed at improving project effectiveness**
- **The formal review results will be reported annually in the NPS annual report**

# 2011 - 2016 NPS Management Plan Update

- **4. As resources allow, continue cooperation with the Arkansas State Plant Board and the Abandoned Pesticide Program in the collection of data associated with the environmental risk reductions related to farmer participation in abandoned pesticide collection**

# **2011 - 2016 NPS Management Plan Update**

- **Since 2005, the program has been conducted in 25 counties, successfully recovering over 660,000+ pounds of unwanted agriculture pesticides**
- **Any developments in this area will be reported annually in the NPS annual report**



# **2011 - 2016 NPS Management Plan Update**

- **5. Continue to produce and submit the NPS annual report by the end of January each year**
- **ANRC continues to do this every year**
- **The Arkansas NPS 2014 annual Report is currently in production**

# 2011 - 2016 NPS Management Plan Update

- **6. Continue to report load reductions and BMPs in the Grants Reporting and Tracking System (GRTS) database each year**
- **Report load reductions of sediment and nutrients as the data becomes available**
- **These results will be included in the NPS Annual Report**

# 2011 - 2016 NPS Management Plan Update

- **7. Continue to partner and assist the Natural Resources Conservation Service (NRCS) in the review, selection or development of NWQI, MRBI, RCPP, EQIP or other conservation programs that will improve or enhance water quality in watersheds on an annual basis**

# **2011 - 2016 NPS Management Plan Update**

- **NWQI- National Water Quality Initiative**
- **MRBI- Mississippi River Basin Initiative**
- **RCPP- Regional Conservation Partnership Program**
- **EQIP- Environmental Quality Incentive Program**

# **2011 - 2016 NPS Management Plan Update**

- **ANRC will also participate in the State Technical Committee annually or as it convenes**
- **A summary of meetings attended, programs reviewed or participation will be reported annually**
- **Additionally ANRC will monitor (in-stream WQ monitoring) a minimum of 2 NWQI 12 digit watersheds and 2 MRBI 12 digit watersheds yearly through the life of this plan**
- **Monitoring results will be assessed and reported in the NPS Annual Report as they become available**

# 2011 - 2016 NPS Management Plan Update

- **8. Continue to evaluate and support in-stream water quality monitoring to assess the effectiveness of implemented 319(h) grant-funded projects, and report monitoring data to ADEQ annually or as appropriate**
- **ANRC continues to do provide ADEQ with monitoring data as it becomes available**

# 2011 - 2016 NPS Management Plan Update

- **9. Review ADEQ's 305(b) report and subsequent 303(d) list approved by EPA for delisted streams or stream segments and determine area activities implemented during the period prior to delisting as a result of NPS load reductions**

# **2011 - 2016 NPS Management Plan Update**

- **Review of the 303(d) list will occur as it becomes available and draft success stories will be developed for delisted segments as appropriate**
- **The goal is to develop and submit two to three success stories within the time frame of this management plan**



# **2011 - 2016 NPS Management Plan Update**

- **In 2014 ANRC submitted 3 success stories to EPA**
  - **1. St. France River – Accepted by EPA**
  - **2. Bayou DeView – Tentative**
  - **3. Upper Illinois River – Tentative (after October 2014)**

# 2011 - 2016 NPS Management Plan Update

- **10. Develop and implement the Arkansas Watershed Stewardship training program, which will provide watershed education to help residents participate in programs designed to address water quality issues**

# **2011 - 2016 NPS Management Plan Update**

- **The AWS Program facilitators will conduct the training program in 8 priority watersheds**
- **They will train a minimum of 200 – 300 persons in the 2013 - 2014 time frame**
- **The focus of the training and education is the identification of water quality issues and appropriate restoration practices**

# 2011 - 2016 NPS Management Plan Update

- **11. Work with partners or other stakeholders to initiate or to have two to three watershed management plans accepted as meeting EPA's nine key elements within the time frame of this NPS Management Plan**

# **2011 - 2016 NPS Management Plan Update**

- **Progress on working with watershed groups and/or submittal or acceptance of watershed plans will also be reported on an annual basis in the NPS annual report**

# Questions

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