

**Illinois River Watershed Meeting**  
**EPA Region 6, Dallas, Texas**  
**Red River Conf. Rm**

November 20, 2009  
10 a.m. – 2:00 p.m.

**Meeting Notes**

EPA discussed the goals of modeling effort which include:

- Identify and quantify sources nutrient sources in watershed
- Quantify reductions needed to achieve water quality goals
- Tool to guide appropriate NPS and PS controls
- Consideration of range of flows/seasonal variations/allocation scenarios

EPA's core project team is as follow:

- Quang Nguyen, Curry Jones, Claudia Hosch
- EPA Contractor: Aquaterra

Key work activities and preliminary milestones were discussed (power point presentation attached)

- EPA will share contractor products with state technical representatives for review and comment. After technical representatives have submitted comments, EPA will convene a conference call to discuss comments received.
- Technical meetings with state representatives will be convened at appropriate times in response to critical points in the TMDL development process.
- Aquaterra, EPA's Contractor for the project, described several water quality models that currently exist in the Illinois River watershed. The contractor presented the relative strengths and limitations of each model. Particular focus was given to Aquatox, SWAT, and HSPF models. In particular, the contractor noted the need to obtain prior modeling studies and calibration site data from the Arkansas side of the interstate boundary.
- Specific data needs mentioned include:
  - precipitation data (2003-2007/8)
  - meteorological data
  - Arkansas flow and water quality data
  - point source discharge data (daily flow and quality)
  - poultry litter management practice information
  - non-point load studies and rates of application
  - SWAT 2009 Report and model files, and
  - descriptions of future scenarios to be modeled (...as an influencing factor in model selection).

- EPA's Contractor inquired regarding data availability from CWA Section §319 projects
- EPA's Contractor would also like to receive information from the Mark Nelson study conducted in Arkansas.
- EPA's Contractor requested station numbers and quality assurance/quality control (QA/QC) information be provided in connection with any data provided by participant stakeholders.
- It was mentioned by Arkansas participants that much information and data exists for the Arkansas side of the interstate boundary. ADEQ holds some of the data, as do the University of Arkansas and some municipalities.
- Participant stakeholders identified Points of Contact (POCs) for data sharing: EPA – Quang Nguyen; ANRC – Earl Smith; ADEQ – John Bailey; ODEQ – Mark Derischweiler. **ACTION ITEM - All POCs, will send Quang a list of other data/sources as soon as possible, but no later than mid January.**
- Communication strategies were discussed. EPA plans to meet with representatives from other agencies (NRCS, Cherokee Tribe, AR/OK Compact Commission, etc) to share information on the project and gather additional data/information that may be needed for the project. **ACTION ITEM - Input on focus groups participants is needed by mid December.**
- States requested that EPA conduct periodic meeting with other stakeholders (municipalities, industry, etc) to provide updates on the project. The States will convene stakeholder meetings and EPA will participate and provide updates as resources allow. **ACTION ITEM - States to provide EPA timeframes for these meetings.**
- **ACTION ITEM - EPA and contractor would like to schedule a watershed tour in early March.**
- Participants briefly discussed a “Principals Meeting” to be scheduled soon. States noted that legislative sessions begin in February