

# Illinois River Watershed TMDL Project

Illinois River Watershed Informational Meeting  
September 14, 2010

Quang Nguyen  
U.S. Environmental Protection Agency  
Region 6





# Illinois River Watershed Impaired Waters

## Oklahoma

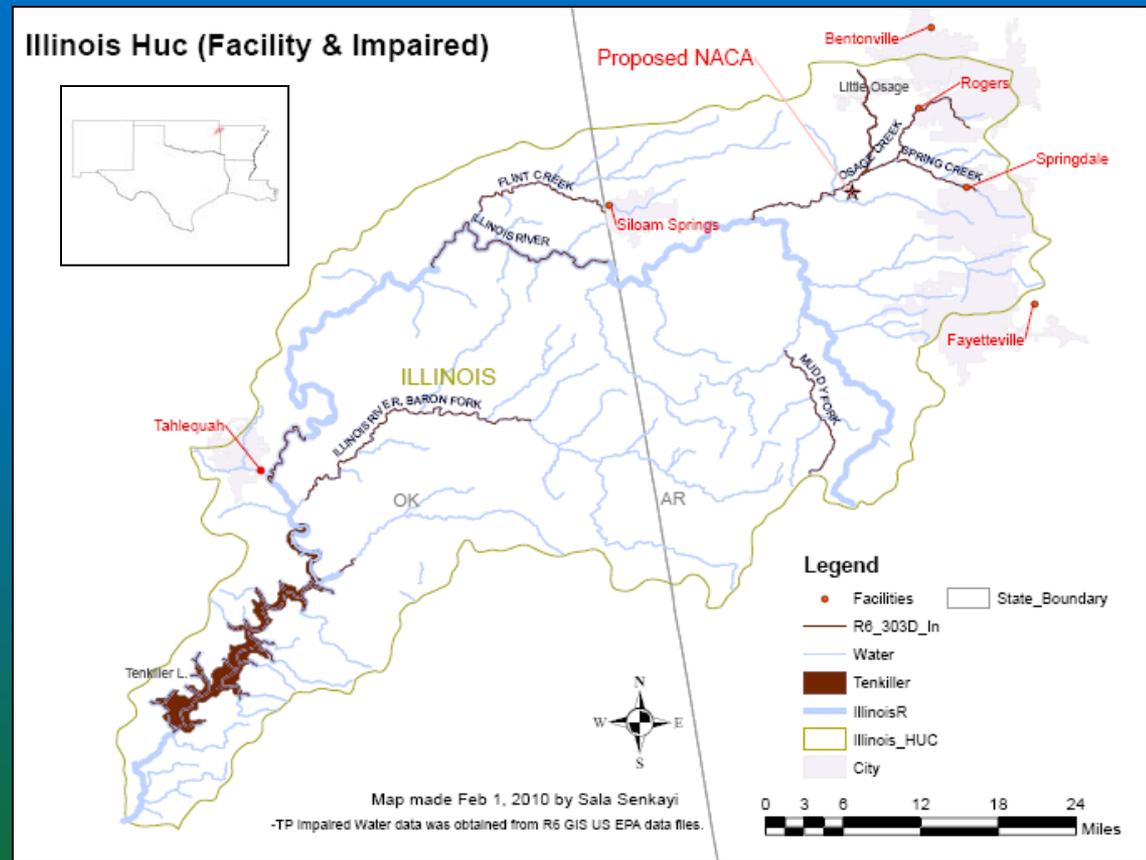
### Impaired Waters

- Illinois River
- Illinois River, Barren Fork
- Flint Creek
- Lake Tenkiller

## Arkansas

### Impaired Waters

- Osage Creek
- Spring Creek
- Muddy Fork



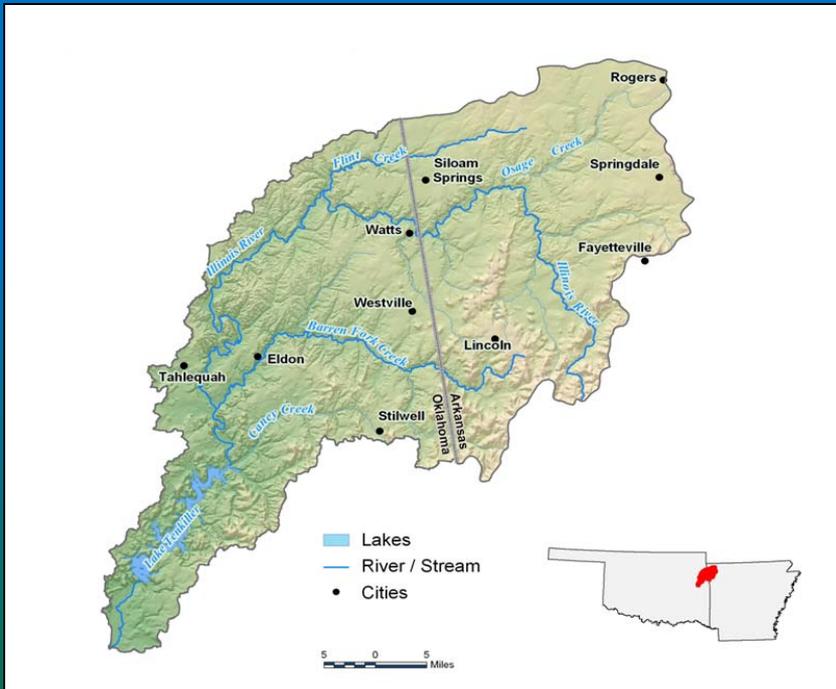


# Actions to Restore and Protect IRW

- **Ongoing Upper IRW Watershed Management Plan Development-- Illinois River Watershed Partnership**
- **Ongoing Model and TMDL Development**



# Model and TMDL Development



- Watershed Model Covering Both States
  - Basis for a water quality restoration plan
  - May lead to one or more TMDLs in the watershed



# Modeling Goals

- Identify sources of nutrients in watershed
- Quantify reductions needed to meet water quality goals
- Tool to guide non-point source and point source implementation





# Working With Our Partners

- Partners in Project
  - OK, AR, USGS, NRCS and Tribal Agencies





# Stakeholder Involvement

- Jan. 2010 EPA published a request for data in the Federal Register, Tulsa World, and Arkansas Democrat Gazette
- Informational public meetings to provide project updates
  - February 4, 2010
  - September 14, 2010
  - Others TBD
- Input on project deliverables through state agencies
- Project website available at <http://www.epa.gov/region6/water/npdes/illinoisriverwatershed/index.htm>



# Modeling Project Team

Project Lead: EPA Region 6 Permits & TMDL Branch, Water Quality Protection Division

- AQUA TERRA Consultants (Prime Contractor)
- Sub-Contractors:
  - Eco Modeling – AQUATOX Developer
  - R. Srinivasan, TAMU – SWAT Developer
  - Dynamic Solutions LLC
  - Tetra Tech – EFDC Developer



# Questions

## For Further Information

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