

North Central Water Study

Directed by the Indiana Finance Authority

PROJECT PURPOSE

The primary goal of the North Central Water Study is to provide a better understanding of the supply and demand of water resources in Benton, Cass, Carroll, Clinton, Fountain, Howard, Montgomery, Parke, Tippecanoe, Tipton, Vermillion, Warren and White counties.

PROJECT VISION

When complete, the project will provide a data-driven foundation for collaborative decision making on shared water needs, challenges, and opportunities.

PROJECT STRATEGIES



Inventory and Build Upon Current Knowledge

- Identify data gaps
- Inventory the water resources of North Central Indiana
- Upgrade monitoring networks to address data gaps



Collaborate Across Many Partners

- Consult with utilities and industry to better understand current and future needs
- Establish productive partnerships among water-resources agencies



Evaluate Future Water Demand

- Quantify current water use and forecast future demand
- Include water conservation, population and economic growth, and historical droughts



Understand Available Supply

- Examine regional water availability
- Explore the impact of groundwater quality on availability
- Investigate surface water and groundwater interactions
- Build a regional water-resources model based on water budgets and geology
- Utilize the model to investigate potential regional water supply limitations and/or surpluses



Develop Actions

- Consider all ideas to address future needs
- Identify key topics surrounding water supply and demand issues
- Investigate needed changes to drinking water utility infrastructure
- Develop targeted regional public education messages and materials