

PROJECT PURPOSE

The primary goal of the Central Indiana Water Study is to provide a better understanding of the supply and demand of water resources in the Central Indiana region.

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 Central Indiana
- Upgrade monitoring networks to address data gaps



Collaborate Across Many Partners

- Consult with utilities 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

PROJECT PARTNERS