

# Indiana Department of Environmental Management

## Office of Water Quality

### Watershed Assessment & Planning Branch

#### Primary Role:

- Collect surface water quality, biological, and habitat data for the following purposes:
  - To fulfill requirements of the CWA §305(b), §303(d) and §314 sections to assess all waters of the state to determine if they are meeting their designated uses
  - To support OWO programs including water quality standard development, NPDES permitting, and compliance
  - To support public health advisories and address emerging water quality issues
  - To support watershed planning and restoration activities
  - To determine water quality trends and to evaluate the performance of programs
  - To engage and support a volunteer monitoring network across the state

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## Monitoring Programs:

- Probabilistic: 1 basin per year on a 9-year rotating cycle
- Fixed Station: 165 sites across the state sampled monthly
- Fish Tissue and Contaminants: 5-year rotating basin cycle
- Targeted (watershed characterization): monitoring for TMDL reassessments and development, watershed baseline planning and performance measures
- Cyanobacteria: cell counts and toxins monitored at 21 swimming beaches in 18 lakes and 1 state park dog lake
- Hoosier Riverwatch: 1 coordinator and a team of citizen volunteers and instructors
- Special studies such as sampling in areas of concern
- Thermal verification studies

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## Blue River Watershed, IN



Eastern Hellbender Salamander

## Eel River Watershed, IN

