

**Location:**

Clark County, Kentucky

**Client Information:**

Josh Young  
East Kentucky Power  
Cooperative, Inc.  
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**Dates:**

December 2015

**Present Status:**

Complete

**Project Type:**

Habitat Assessments

**Project Management:**

JD Wilhide

**Team Members:**

JD Wilhide  
Tyler Newman  
Kat Cunningham

**Major Project Elements:**

Wetland Assessment  
Stream Assessment  
Bat Habitat Assessment

## Environmental Determination for Upper Howard and Cotton Creeks, Smith Station, Clark County, Kentucky

Jackson Group was contracted by East Kentucky Power Cooperative, Inc. (EKPC) of Winchester, Kentucky, to perform environmental determinations within the project area. We were tasked with assessing their wetlands, streams, and



habitat area in flow path of potential runoff areas to determine future impacts. In accordance with the *NOAA Guidance for Facility and Best Response Plans: Fish and Wildlife and Sensitive Environments (1994)*.



assessment of hydrology, soils identification if necessary, and notification of existing disturbance. Streams were assessed using a Rapid Bioassessment for High Gradient Streams. Habitat assessments were conducted by looking for potential threatened and endangered bat summer habitat.

Wetland assessments were conducted by Jackson Group ecologists. Pedestrian site surveys were conducted throughout the project to identify wetland boundaries. The survey included identifying vegetation communities, a geomorphologic