

GRANT RECIPIENT
IDNR DIVISION OF
NATURE PRESERVES

YEAR
2007

COUNTY
LAKE

CATEGORY
LOW COST CONSTRUCTION

GRANT AWARD
\$10,000

LOCAL SHARE
\$10,000



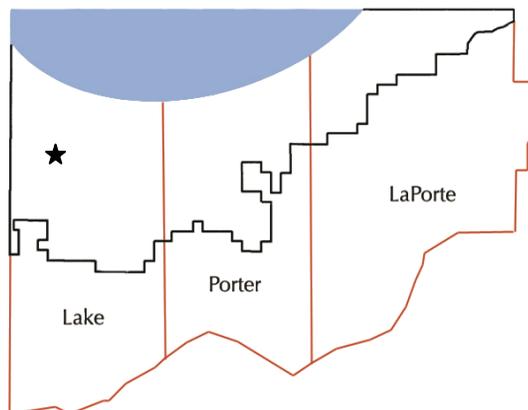
Hoosier Prairie Cattail Removal

Hoosier Prairie is the largest remaining prairie/savanna complex in Indiana, and is a National Natural Landmark. The preserve contains diverse natural communities such as savanna that harbor many endangered and threatened plant and animal species. As one of the largest remaining prairie systems in Indiana, Hoosier Prairie is an excellent example of this amazingly diverse habitat. However, the emergence of invasive plants, such as cattail (*Typha*) has persisted at crowding out native plants.

The goal of this project was to reduce the density of cattails to 10% of existing cover within the project area. The project area is approximately 13 acres, and includes emergent marsh, saturated wetland, and a transition zone between wetland and savanna. Three control techniques were used dependant on cattail density and water levels: Spraying, mowing, and wicking. In addition to the Hoosier Prairie site, control techniques were established to use on other protected natural areas within the Lake Michigan Coastal area. As a result of this project, native plants have been given an opportunity to grow without the threat of increased invasive competition.



FOR MORE INFORMATION
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RESULT: Reduced cattails to 10% of cover on 13 acres of native prairie and marsh habitat.