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Year in School: Senior Hometown: St. Louis, MO Faculty Mentor: Dr. John Dwyer, Forestry Funding Source: School of Natural Resources

## Lick Creek conservation area management plan

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The Missouri Department of Conservation (MDC) has contracted fifteen-University of Missouri students, specializing in Soils, Fisheries, Wildlife, Forestry, and Parks, Recreation and Tourism, to create a management plan for the Lick Creek Conservation Area. This plan addresses specific issues which the MDC and our group believe are influencing the lack of use Lick Creek Conservation Area is presently experiencing. The plan is organized in the following fashion: 1) we offer an in depth look at the past management and background of the site; 2) we provide a detailed site analysis that addresses the environmental, social and managerial aspects of Lick Creek Conservation Area; 3) finally, we identify and discuss in depth the prevailing management issues, e.g. soil erosion, and the corresponding goals set forth to solve these problems. These goals and objectives were determined using a time span of ten years and a budget of \$30,000; \$15,000 for startup costs, \$10,000 for the first five years, and \$5,000 for the last five years. In accomplishing these goals and promoting innovative land management, our group believes that Lick Creek Conservation Area could become a popular destination for both education and recreation in the Boone County Area.

This project was completed to fulfill a Capstone requirement.