

Middle South Platte River Wetland Mitigation Bank

Ecological Goals

- Restore 80 acres of historic wetlands and prairie
- Create habitats for hundreds of native plant and wildlife species
- Improve local water quality

Project Results

- Construction, establishment and permit approval accomplished within 2 years
- All 67 wetland mitigation acre-credits approved for sale
- Establishment of a low-maintenance native landscape for inclusion in the Boulder-area open-space system



The wetland now acts as a significant wildlife habitat.

Project Statement

Contracting with local landowner David Yardley and Land and Water Resources, Inc., Applied Ecological Services, Inc. (AES) designed, installed and provided maintenance for an 80-acre prairie and wetland mitigation bank serving the Boulder, Colorado area.

AES restored historic wetlands to their original status for the wetland bank, which has improved water quality and created habitats for several hundred native plant and wildlife species. The design included detailed studies of soils, topography, hydrology and other elements of the site. In addition, AES investigated water rights issues and provided engineering calculations for the approval of allocations of the vested rights in the property to the restored wetlands.

AES conducted planting, management, and technical monitoring of the site for 5 years, and the data has demonstrated that the site is functioning better than the anticipated performance standards established in the permit for the wetland banking project.

The site is a low-maintenance native landscape that will ultimately become part of the Boulder-area open space system.



Current Status

This project is complete.



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