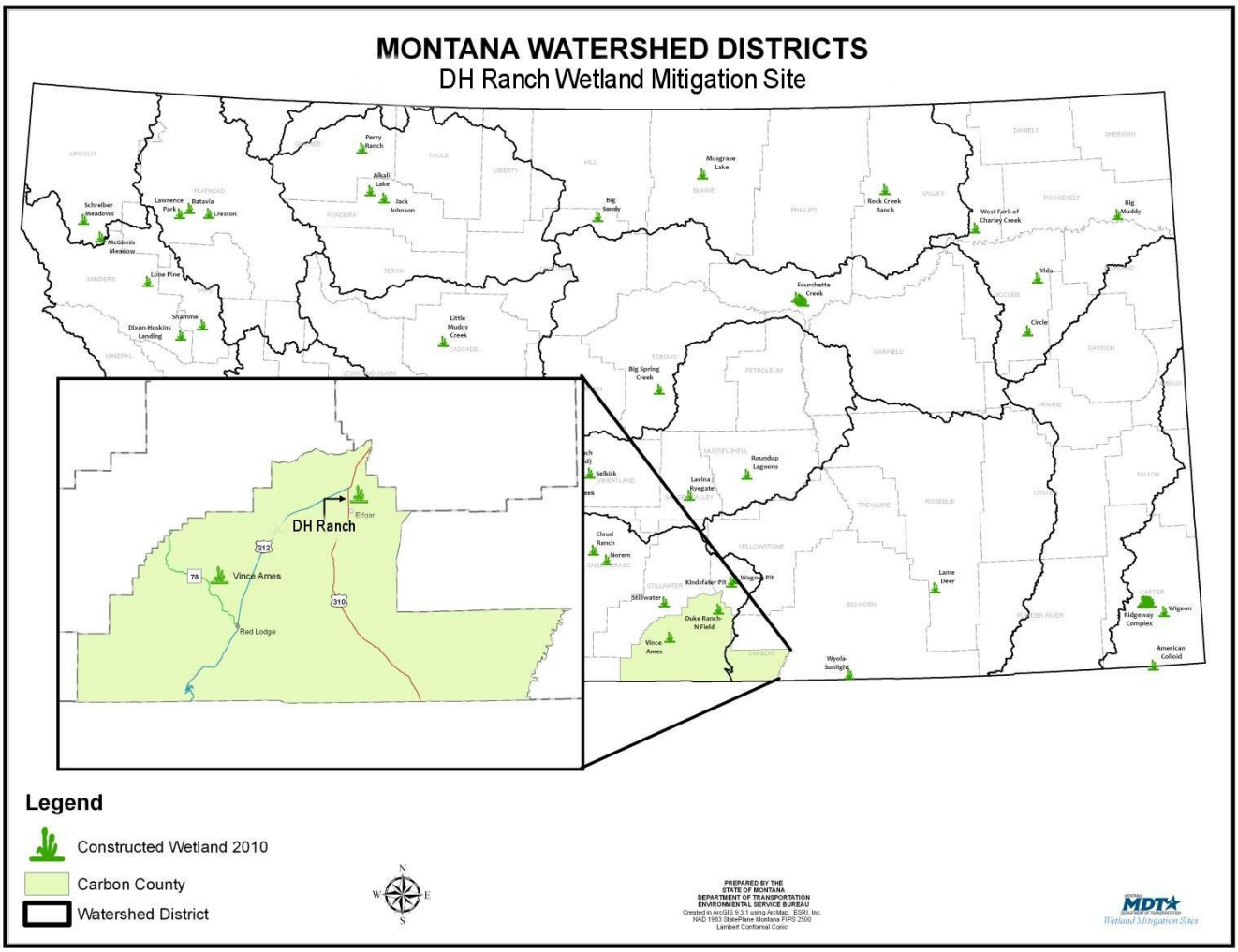
DH RANCH

Watershed # 13-Upper Yellowstone River Basin
Carbon County, Montana



LAND OWNERSHIP: PRIVATE

BACKGROUND INFORMATION

This mitigation site was constructed during the spring of 2007 in the eastern portion of the Upper Yellowstone River Basin watershed (Watershed #13). It was anticipated that this site would compensate for wetland impacts resulting from MDT highway and bridge reconstruction projects in the watershed. The DH Ranch mitigation site was constructed on private property protected by an MDT wetland conservation easement. The goal of the project was to create wetland hydrology at the site, and thereby ultimately provide up to 17 acres of aquatic habitat.

WETLAND INHABITANTS

AMPHIBIAN

Northern leopard Frog (*Rana pipiens*)
Woodhouse's toad (*Bufo woodhousii*)

REPTILE

Plains garter snake (*Thamnophis radix*)

BIRD

American White Pelican (*Pelecanus erythrorhynchos*)
American Goldfinch (*Carduelis tristis*)
American Robin (*Turdus migratorius*)
Canada Goose (*Branta canadensis*)
Common Snipe (*Gallinago gallinago*)
Eastern Kingbird (*Tyranus tyranus*)
Golden Eagle (*Aquila chrysaetos*)
Grasshopper Sparrow (*Ammodramus savannarum*)
Greater Yellowlegs (*Tringa melanoleuca*)
Killdeer (*Charadrius vociferous*)
Lesser Yellowlegs (*Tringa flavipes*)
Mourning Dove (*Zenaida macroura*)
Sandhill Crane (*Grus canadensis*)
Solitary Sandpiper (*Tringa solitaria*)
Spotted Sandpiper (*Actitis macularia*)
Wild Turkey (*Meleagris gallopavo*)

MAMMAL

Deer (*Odocoileus sp.*)
Cottontail (*Sylvilagus sp.*)
Raccoon *(Procyon lotor)*
Black-tailed prairie dog (*Cynomys ludovicianus*)
Black bear (*Ursus americanus*) (observed by landowner)



Woodhouse's Toad



Sandhill crane

WETLAND VEGETATION

Dominant wetland vegetation

Four community types were observed

Type 1- Hardstem bulrush (*Scirpus acutus)*/Mixed graminoids (common grasses)

Type 2- Broad-leaf cattail (*Typha latifolia)*/Mixed graminoids

Type 3- Alkali bulrush (*Scirpus maritimus)*/Mixed graminoids

Type 4- Peach-leaf willow (*Salix amygdaloides)*



Hardstem bulrush

Duke Ranch-N Field



Click the icon below for complete monitoring reports for this site (2007 to 2010)

MONTANA MDT DEPARTMENT OF TRANSPORTATION

Wetland Mitigation Site