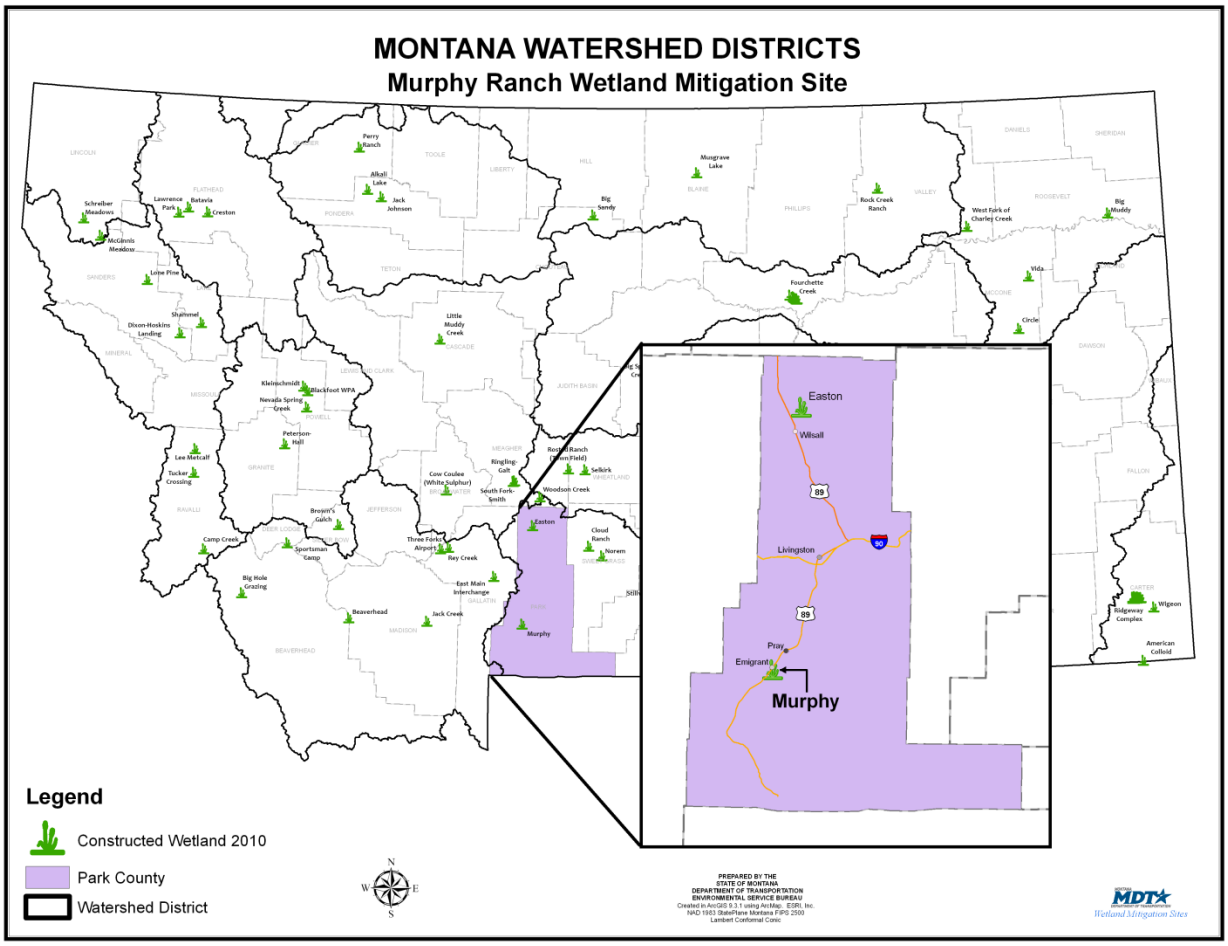
MURPHY RANCH

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



LAND OWNERSHIP: PRIVATE

BACKGROUND INFORMATION

The Montana Department of Transportation (MDT) constructed this site in 2009 on private property protected with an MDT Wetland Conservation Easement. The site is located adjacent to U.S. Highway 89 in Emigrant, Park County, Montana. The project is intended to mitigate for wetland impacts associated with MDT highway projects in the Upper Yellowstone River watershed (Watershed #13). This restoration project is anticipated to provide approximately 6 acres of mitigation credits to mitigate transportation projects in the watershed.

WETLAND INHABITANTS

Common Name	Scientific Name
BIRDS	
American Avocet	*Recurvirostra americana*
American Goldfinch	*Spinus tristus*
American Robin	*Turdus migratorius*
Barn Swallow	*Hirundo rustica*
Black-billed Magpie	*Pica hudsonia*
Cooper's Hawk	*Accipiter cooperii*
Double-crested Cormorant	*Phalacrocorax auritus*
Eastern Kingbird	*Tyrannus tyrannus*
Green-winged Teal	*Anas crecca*
Killdeer	*Charadrius vociferus*
Red-tailed Hawk	*Buteo jamaicensis*
Red-winged Blackbird	*Agelaius phoeniceus*
Sandhill Crane	*Grus canadensis*
Semipalmated Sandpiper	*Calidris pusilla*
Tree Swallow	*Tachycineta bicolor*
Wilson's Phalarope	*Phalaropus tricolor*
Wilson's Snipe	*Gallinago delicata*
Yellow-headed Blackbird	*Xanthocephalus xanthocephalus*
Yellow-rumped Warbler	*Dendroica coronata*
MAMMALS	
Coyote	*Canis latrans*
Deer Mouse	*Peromyscus maniculatus*
Meadow Vole	*Microtus pennsylvanicus*
Merriam's Shrew	*Sorex merriami*
Mule Deer	*Odocoileus hemionus*
Raccoon	*Procyon lotor*
White-footed Mouse	*Peromyscus leucopus*
White-tailed Deer	*Odocoileus virginianus*
REPTILES	
Painted Turtle	*Chrysemys picta*
Plains Gartersnake	*Thamnophis radix*
AMPHIBIANS	
Columbia Spotted Frog	*Rana luteiventris*
Western Toad	*Bufo boreas*
Woodhouse's Toad	*Bufo woodhousii*

WETLAND VEGETATION

Dominant wetland vegetation

_ *community types were observed*

Type 1- Wheatgrass (*Agropyron spp.)*

Type 2- Bulrush/American sloughgrass (*Scirpus spp./Beckmannia)*

Type 3- Wheatgrass/ Bulrush (*Agropyron spp. /Scirpus spp.)*

Type 4- Wheatgrass/ Foxtail barley (*Agropyron spp./Hordeum Jubatem)*

Type 5- Reed grass/ Willow (*Phalaris spp./Salix spp.)*

Type 6- Cattail/Bulrush/Sedge (*Typha spp./Scirpus spp./Carex spp.)*

Type 7- Reed grass/ Manna grass (*Phalaris spp./Glyceria spp.)*

Murphy Ranch



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

MONTANA MDT DEPARTMENT OF TRANSPORTATION

Wetland Mitigation Site