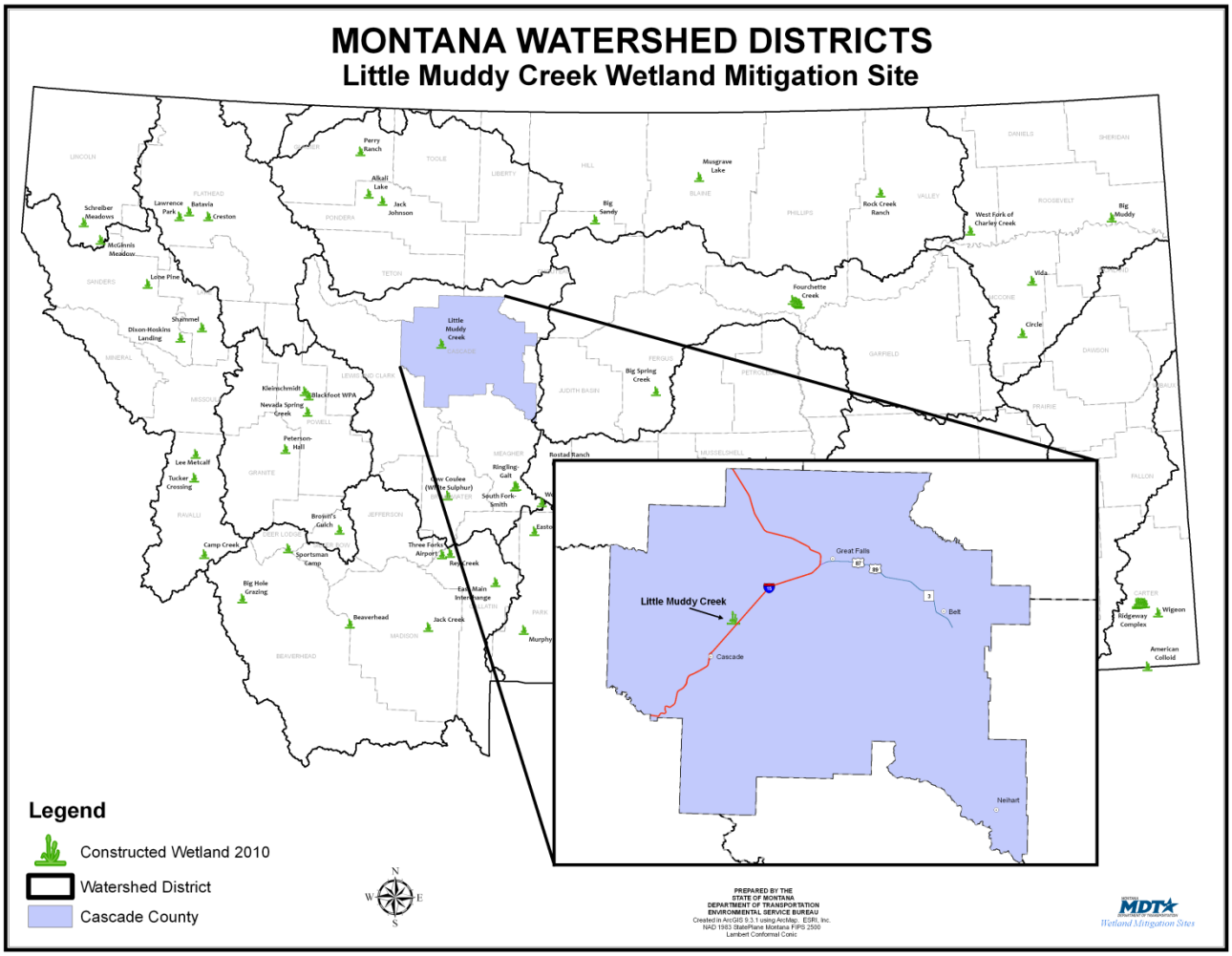
LITTLE MUDDY CREEK

Watershed # 7-Missouri-Sun-Smith River Basin
Cascade County, Montana



LAND OWNERSHIP: PRIVATE

BACKGROUND INFORMATION

The Little Muddy Creek wetland mitigation project is located in Watershed #7, Missouri-Sun-Smith River Basin on private land west of Interstate 15 between the towns of Cascade and Ulm, Montana. It was constructed in 2004 by Ducks Unlimited and the land owners to create wetland habitat for migratory birds and to serve as a wetland mitigation bank for the Montana Department of Transportation (MDT). MDT acquired approximately 64 acres of wetland credit from Ducks Unlimited for this project to mitigate transportation projects in the watershed.

WETLAND INHABITANTS

FISH, AMPHIBIAN, and REPTILE	
Common Carp (*Cyprinus carpio*)	Western Chorus Frog (*Pseudacris triseriata*)
Plains Garter Snake (*Thamnophis radix*)	
BIRD	
American Avocet (*Recurvirostra americana*)	Lesser Scaup (*Aythya affinis*)
American Coot (*Fulica americana*)	Lesser Yellowlegs (*Tringa flavipes*)
American Wigeon (*Anas americana*)	**Long-billed Curlew** (*Numenius americanus*)
American White Pelican	Long-billed Dowitcher (*Limnodromus scolopaceus*)
(*Pelecanus erythrorhynchos*)	**Mallard** (*Anas platyrhynchos*)
Blue-winged Teal (*Anas discors*)	Marbled Godwit (*Limosa fedoa*)
Brewer's Blackbird (*Euphagus cyanocephalus*)	Mourning Dove (*Zenaida macroura*)
Bufflehead (*Bucephala albeola*)	Northern Harrier (*Circus cyaneus*)
Canada Goose (*Branta Canadensis*)	**Northern Pintail** (*Anas acuta*)
Canvasback (*Aythya valisineria*)	**Northern Shoveler** (*Anas clypeata*)
Cinnamon Teal (*Anas cyanoptera*)	**Redhead** (*Aythya americana*)
Common Raven (*Corvus corax*)	**Red-winged Blackbird** (*Agelaius phoeniceus*)
Common Snipe (*Gallinago gallinago*)	Ring-necked Duck (*Aythya collaris*)
Common Tern (*Sterna hirundo*)	Ruddy Duck (*Oxyura jamaicensis*)
Double-crested Cormorant (*Phalacrocorax auritus*)	**Sandhill Crane** (*Grus Canadensis*)
Eared Grebe (*Podiceps nigricollis*)	**Sandpiper (unidentified species)**
Eurasian Wigeon (*Anas penelope*)	**Sparrow (unidentified species)**
Ferruginous Hawk (*Buteo regalis*)	Tree Swallow (*Tachycineta bicolor*)
Franklin's Gull (*Larus pipixcan*)	Trumpeter Swan (*Cygnus buccinator*)
Gadwall (*Anas strepera*)	**Tundra Swan** (*Cygnus columbianus*)
Golden Eagle (*Aquila chrysaetos*)	Vesper Sparrow (*Pooecetes gramineus*)
Great Blue Heron (*Ardea herodias*)	**Western Meadowlark** (*Sturnella neglecta*)
Green-winged Teal (*Anas crecca*)	Willet (*Catoptrophorus semipalmatus*)
Horned Grebe (*Podiceps auritus*)	**Wilson's Phalarope** (*Phalaropus tricolor*)
Horned Lark (*Eremophila alpestris*)	**Yellow-headed Blackbird** (*Xanthocephalus*
Killdeer (*Charadrius vociferous*)	*xanthocephalus*)
MAMMAL	
American Badger (*Taxidea taxus*)	**Red Fox** (*Vulpes vulpes*)
Common Raccoon (*Procyon lotor*)	Richardson's Ground Squirrel
Coyote (*Canis latrans*)	(*Spermophilus richardsonii*)
Mule Deer (*Odocoileus hemionus*)	White-tailed Deer (*Odocoileus virginianus*)
Pronghorn (*Antilocapra americana*)	

Bolded species were observed in 2008.



Horned Lark



American Badger

WETLAND VEGETATION

Dominant wetland vegetation

Seven community types were observed

Type 1- Golden dock (*Rumex maritimus)*

Type 2- Knotweed/ curly pondweed (*Polygonum/ potamogeton*) (Algae/Aquatic wetland)

Type 3- Broad-leaf cattail (*Typha latifolia)*

Type 4- Foxtail barley (*Hordeum jubatum)*

Type 5- Knotweed/ Foxtail barley (*Polygonum/Hordeum)*

Type 6- Narrow-leaf plantain (*Alisma gramineum)*

Type 7- Golden dock/ spike rush (*Rumex/ Eleocharis spp.)*



Narrow-leaf plantain

Little Muddy Creek



Click the icon below for complete monitoring reports for this site (2004 to 2010)

MONTANA MDT DEPARTMENT OF TRANSPORTATION

Wetland Mitigation Site