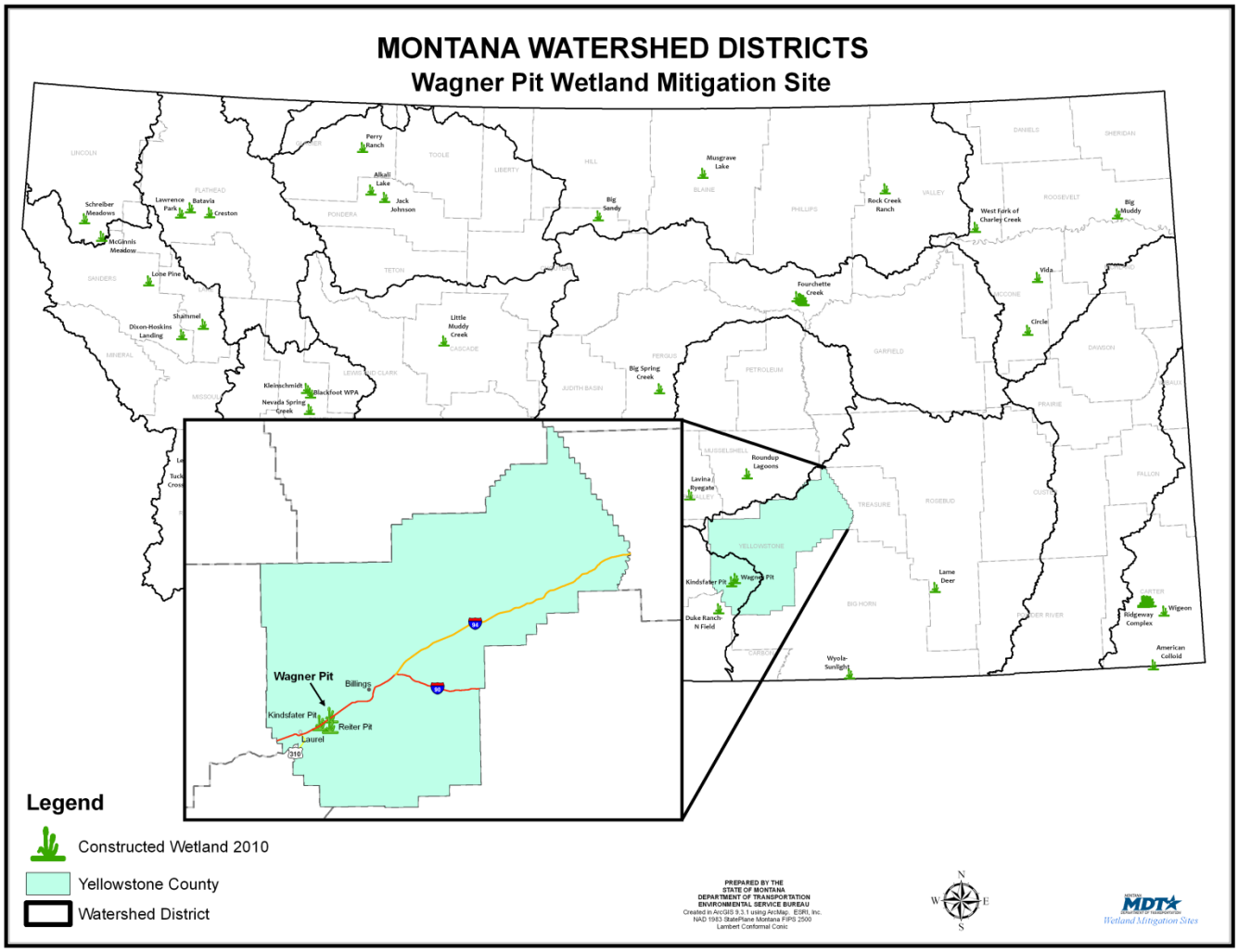
# WAGNER MARSH

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




**LAND OWNERSHIP: MONTANA DEPARTMENTOF TRANSPORTATION (MDT)**

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## BACKGROUND INFORMATION

This mitigation site was constructed during the spring of 2005 in the eastern portion of the Upper Yellowstone River Basin (Watershed #13). Wagner Marsh was constructed on MDT property originally purchased in 1954 and used as a gravel borrow area for construction of the I-90 corridor. For this reason the Wagner Marsh was previously known as the 'Wagner Pit'. The goal of the project was to create a diverse wetland vegetation community including shallow marshes, wet meadows and scrub-shrub habitats. This restoration project is anticipated to provide approximately 21 acres of mitigation credits to mitigate transportation projects in the watershed.

## WETLAND INHABITANTS

| COMMON NAME | SCIENTIFIC NAME |
|---|---|
| **AMPHIBIAN** | |
| Boreal Chorus Frog | *Pseudacris maculata* |
| Northern Leopard Frog | *Rana pipiens* |
| Woodhouse's Toad | *Bufo woodhousii* |
| **BIRD** | |
| American Black Duck | *Anas rubripes* |
| American Coot | *Fulica americana* |
| American Crow | *Corvus brachyrhynchos* |
| American Goldfinch | *Spinus tristus* |
| American Robin | *Turdus migratorius* |
| American Wigeon | *Anas americana* |
| Barn Swallow | *Hirundo rustica* |
| Black-billed Magpie | *Pica hudsonia* |
| Blue-winged Teal | *Anas discors* |



**Lesser Scaup**

| COMMON NAME | SCIENTIFIC NAME |
|---|---|
| BIRD | |
| Brewer's Blackbird | *Euphagus cyanocephalus* |
| California Gull | *Larus californicus* |
| Canada Goose | *Branta canadensis* |
| Cinnamon Teal | *Anas cyanoptera* |
| Cliff Swallow | *Petrochelidon pyrrhonota* |
| Gray Catbird | *Dumetella carolinensis* |
| Great Blue Heron | *Ardea herodias* |
| Greater Yellowlegs | *Tringa melanoleuca* |
| Green-winged Teal | *Anas crecca* |
| Killdeer | *Charadrius vociferus* |
| Lesser Scaup | *Aythya affinis* |
| Lesser Yellowlegs | *Tringa flavipes* |
| Mallard | *Anas platyrhynchos* |
| Mourning Dove | *Zenaida macroura* |
| Northern Flicker | *Colaptes auratus* |
| Northern Harrier | *Circus cyaneus* |
| Northern Pintail | *Anas acuta* |
| Northern Shoveler | *Anas clypeata* |
| Pied-billed Grebe | *Podilymbus podiceps* |
| Redhead | *Aythya americana* |
| Red-tailed Hawk | *Buteo jamaicensis* |
| Red-winged Blackbird | *Agelaius phoeniceus* |
| Ring-necked Pheasant | *Phasianus colchicus* |
| Rock Pigeon | *Columba livia* |
| RUDDY DUCK | *Oxyura jamaicensis* |
| Sandhill Crane | *Grus canadensis* |
| Song Sparrow | *Melospiza melodia* |
| Spotted Sandpiper | *Actitis macularius* |
| Tree Swallow | *Tachycineta bicolor* |
| Vesper Sparrow | *Pooecetes gramineus* |
| Western Meadowlark | *Sturnella neglecta* |
| Wilson's Phalarope | *Phalaropus tricolor* |
| Wilson's Snipe | *Gallinago delicata* |
| YELLOW WARBLER | *Dendroica petechia* |
| Yellow-headed Blackbird | *Xanthocephalus xanthocephalus* |
| YELLOW-RUMPED WARBLER | *Dendroica coronata* |

# WETLAND VEGETATION

**Dominant wetland vegetation**

*Five community types were observed*

**Type 1** – Sandbar willow/Russian olive/Wooly sedge (*Salix exigua/Elaeagnus angustifolia / Carex lanuginose)*

**Type 2** – Creeping spike rush/ Cattail / grasses (*Eleocharis palustris-Typha /* Mixed graminoid)

**Type 3** – Grasses-Mixed Graminoid

**Type 4** – Reed canary grass (*Phalaris arundinaceae)*

**Type 5** – Hard stem bulrush (*Scirpus acutus)*



**Russian Olive**

# Wagner Pit



Canada Goose Nest




Muskrat & Lodge



*Click the icon below for complete monitoring reports for this site (2005 to 2010)*

MONTANA MDT DEPARTMENT OF TRANSPORTATION

*Wetland Mitigation Site*