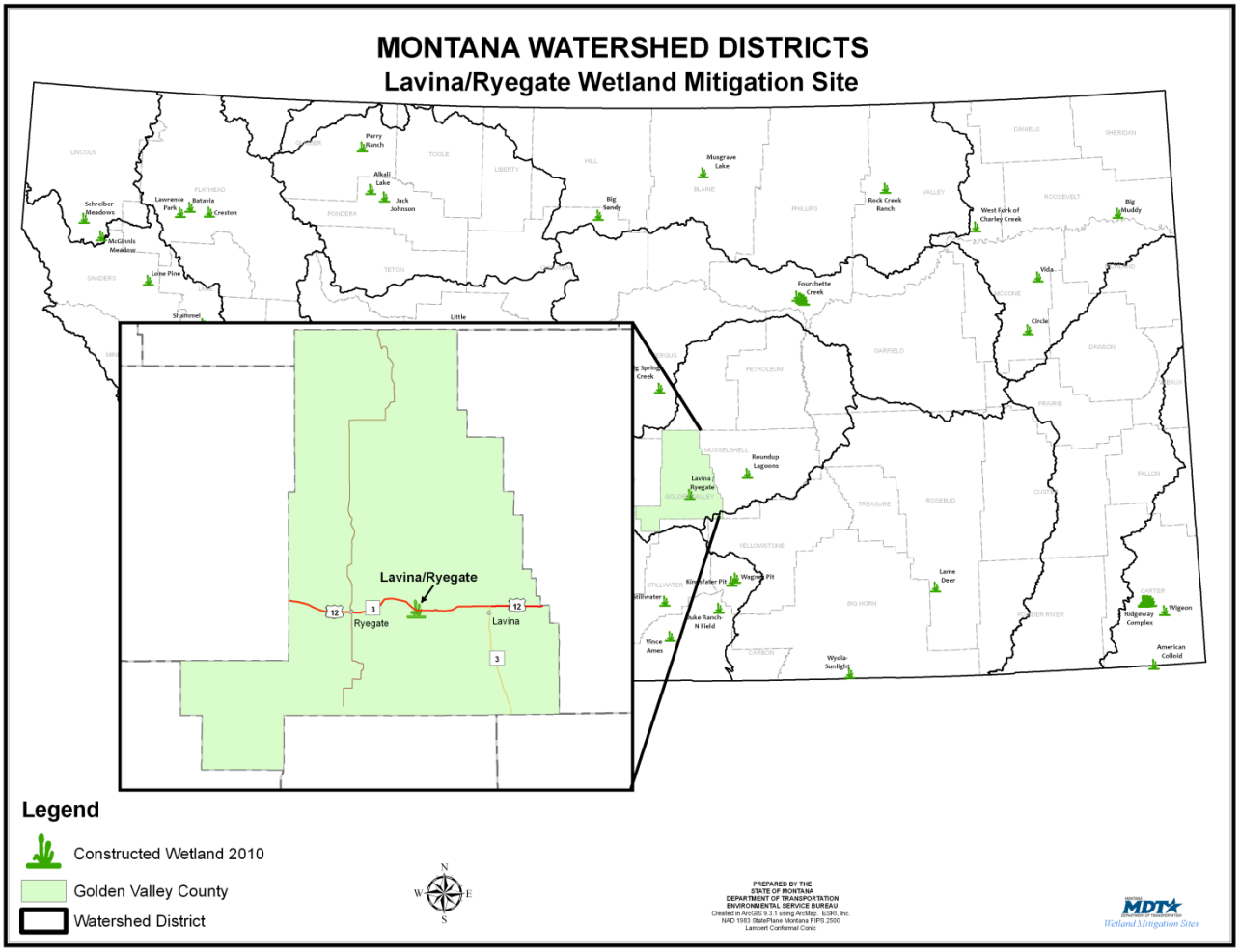
LAVINA/RYEGATE

Watershed # 10-Musselshell River Basin
Golden Valley County, Montana



LAND OWNERSHIP: PRIVATE

BACKGROUND INFORMATION

This project consists of two separate on-site wetland mitigation sites constructed on private properties adjacent to US Highway 12 in Watershed # 10 – Musselshell River Basin in Golden Valley County. The purpose of these projects was to mitigate impacts associated with transportation improvements to US Highway 12. The Lavina site is situated nine miles east of the town of Ryegate. The site provides approximately 1.3 acres of mitigation credit within the watershed. The Ryegate site is located approximately 8 miles east of the town of Ryegate and provides approximately 2.2 acres of wetland mitigation credit within the watershed.

Both sites created additional wetlands through the expansion of meander oxbow wetlands of the Musselshell River. These old meanders were the result of channelization of the Musselshell River for the construction of the railroad through the valley around 1910.

WETLAND INHABITANTS

AMPHIBIANS Frogs (*Rana spp*)
BIRDS Killdeer (*Charadrius vociferous)* Redtail Hawk (*Bueto jamaicensis)* Redwinged Black Bird (*Agelaius phoeniceus*) Tree Swallow (*Tachycineta bicolor*)
MAMMALS Beaver (*Castor candensis*) White-tail Deer (*Odocoileus virginianus)*



Redtail Hawk

WETLAND VEGETATION

Dominant wetland vegetation

Five community types were observed

Type 1- Crested wheatgrass (*Agropyron cristatum)*

Type 2- Broad-leaf cattail (*Typha latifolia)*

Type 3- Narrow-leaf cottonwood (*Populus angustifolia)*

Type 4- Narrow-leaf cottonwood (*Populus angustifolia)* (saplings)

Type 5- Broad-leaf arrowhead (*Sagittaria spp.)*



Narrow-leaf cottonwood

Click the icon below for complete monitoring reports for this site (2001)

MONTANA MDT DEPARTMENT OF TRANSPORTATION

Wetland Mitigation Site

Lavina/Ryegate



