

Wetlands, Springs, Ponds & Cold-Blooded Vertebrates

There are 20 springs and 15 ponds in and adjacent to the proposed permit area.

► Stockponds

- ◆ Important to current land uses (e.g. livestock grazing and wildlife habitat) and would be important for postmine land uses as well.

► Sediment ponds

- ◆ Selected ponds may be retained as postmine ponds. The following would be considered when determining which sediment ponds to retain:
 - The presence of aquatic vegetation,
 - Reliability as a seasonal or yearlong water source, and
 - Location within a pasture or pasture system.
- ◆ Reclamation targets:
 - Provide reliable water sources for livestock
 - Encourage better livestock distribution
 - Provide a seasonal water source for wildlife

► Wetlands

- ◆ Small wetlands associated with springs, seeps, depressions and impoundments are present within Area F.
- ◆ Areas would be avoided, if possible.
- ◆ If impacts are unavoidable, these wetlands would be replaced postmining by retaining sediment ponds with associated wetland vegetation (see above) and by creating small depressions in the uplands and along drainage courses.
- ◆ If a spring or seep becomes established in reclamation, it may be fenced to protect the flow and associated wetland vegetation and to encourage additional vegetation establishment.

Documented Amphibian and Reptile Species in Area F Survey Area

Common Name	Scientific Name	Special Status Designation*
Frogs and Toads		
Boreal chorus frog	<i>Pseudacris triseriata</i>	
Northern leopard frog	<i>Rana pipiens</i>	X
Plains spadefoot toad	<i>Spea bombifrons</i>	X
Woodhouse's toad	<i>Bufo woodhousei</i>	
Turtles		
Western painted turtle	<i>Chrysemys picta</i>	
Lizards		
Northern sagebrush lizard	<i>Sceloporus graciosus</i>	X
Snakes		
Eastern yellowbelly racer	<i>Coluber constrictor</i>	
Western plains garter snake	<i>Thamnophis radix</i>	

*species is included on the Montana Natural Heritage Program Species of Concern list.
 Adapted from Appendix F Rosebud Mine, Area F Tract - 2011 Wildlife Baseline, October 2011.
 Documented Fish and Aquatic Invertebrate Species in Area F Survey Area*
 • The aquatic and wetland habitats within the wildlife baseline survey area are limited.
 • No fisheries or aquatic invertebrate sampling was conducted for the Area F baseline survey.
*Appendix F Rosebud Mine, Area F Tract - 2011 Wildlife Baseline, October 2011.



Western Plains Garter Snake



Western Painted Turtle



Northern Leopard Frog