

**Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area (Page 1 of 6) \***

Common Name	Scientific Name	Abundance Code <sup>1</sup>	Status <sup>2</sup>	Confirmed on Site
<b>BIRDS</b>				
Pied-billed Grebe	<i>Podilymbus podiceps</i>	Fairly Common		
Eared Grebe	<i>Podiceps nigricollis</i>	Uncommon		
American White Pelican	<i>Pelecanus erythrorhynchos</i>	Fairly Common	NSS3	
Great Blue Heron	<i>Ardea herodias</i>	Uncommon	NSS4	
Snowy Egret	<i>Egretta thula</i>	Rare	NSS3	
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Uncommon		
Canada Goose	<i>Branta canadensis</i>	Uncommon		x
Green-winged Teal	<i>Anas crecca</i>	Uncommon		
Mallard	<i>Anas platyrhynchos</i>	Fairly Common		x
Northern Pintail	<i>Anas acuta</i>	Uncommon	NSS3	
Gadwall	<i>Ana strepera</i>	Uncommon		
Blue-winged Teal	<i>Anas discors</i>	Fairly Common		
Cinnamon Teal	<i>Anas cyanoptera</i>	Fairly Common		
Northern Shoveler	<i>Anas clypeata</i>	Uncommon		
American Wigeon	<i>Anas americana</i>	Uncommon		
Canvasback	<i>Aythya valisineria</i>	Rare	NSS3	
Redhead	<i>Aythya americana</i>	Rare	NSS3	
Common Goldeneye	<i>Bucephala clangula</i>	Uncommon		
Bufflehead	<i>Bucephala albeola</i>	Uncommon		
Hooded Merganser	<i>Lophodytes cucullatus</i>	Uncommon		
Common Merganser	<i>Mergus merganser</i>	Fairly Common		
Ruddy Duck	<i>Oxyura jamaicensis</i>	Uncommon		
Turkey Vulture	<i>Cathartes aura</i>	Common		x
Osprey	<i>Pandion haliaetus</i>	Rare		
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Unknown	MBHFI, FT, NSS2	
Northern Harrier	<i>Circus cyaneus</i>	Common		x
Sharp-shinned Hawk	<i>Accipiter striatus</i>	Uncommon		x
Cooper's Hawk	<i>Accipiter cooperii</i>	Uncommon		
Northern Goshawk	<i>Accipiter gentilis</i>	Uncommon	SSS, NSS4	
Swainson's Hawk	<i>Buteo swainsoni</i>	Common	BCC, MBHFI, NSS4	x
Red-tailed Hawk	<i>Buteo jamaicensis</i>	Common		x
Ferruginous Hawk	<i>Buteo regalis</i>	Common	BCC, MBHFI, SSS, NSS3	x
Rough-legged Hawk	<i>Buteo lagopus</i>	Common		x
Golden Eagle	<i>Aquila chrysaetos</i>	Common	BCC	x
American Kestrel	<i>Falco sparverius</i>	Common		x
Merlin	<i>Falco columbarius</i>	Unknown	MBHFI, NSS3	
Prairie Falcon	<i>Falco mexicanus</i>	Uncommon	BCC	x
Peregrine Falcon	<i>Falco peregrinus</i>	Unknown	BCC, MBHFI, SSS, NSS3	
Sage Grouse	<i>Centrocercus urophasianus</i>	Common	MBHFI, SSS, NSS2	x
Sora	<i>Porzana carolina</i>	Uncommon		
American Coot	<i>Fulica americana</i>	Uncommon		
Sandhill Crane	<i>Grus canadensis</i>	Rare	NSS3	
Killdeer	<i>Charadrius vociferus</i>	Common		x
Mountain Plover	<i>Charadrius montanus</i>	Unknown	BCC, MBHFI, SSS, NSS4	
American Avocet	<i>Recurvirostra americana</i>	Uncommon		
Greater Yellowlegs	<i>Tringa melanoleuca</i>	Uncommon		
Lesser Yellowlegs	<i>Tringa flavipes</i>	Uncommon		
Spotted Sandpiper	<i>Actitis macularia</i>	Fairly Common		

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Common Name	Scientific Name	Abundance Code <sup>1</sup>	Status <sup>2</sup>	Confirmed on Site
Upland Sandpiper	<i>Bartramia longicauda</i>	Rare	BCC, MBHFI, NSS4	
Long-billed Curlew	<i>Numenius americanus</i>	Uncommon	BCC, MBHFI, SSS, NSS3	
Marbled Godwit	<i>Limosa fedoa</i>	Rare	BCC	
Wilson's Snipe	<i>Gallinago delicata</i>	Fairly Common		
Wilson's Phalarope	<i>Phalaropus tricolor</i>	Uncommon	BCC	
Franklin's Gull	<i>Larus pipixcan</i>	Uncommon		
Ring-billed Gull	<i>Larus delawarensis</i>	Uncommon		
California Gull	<i>Larus californicus</i>	Uncommon		
Rock Dove	<i>Columba livia</i>	Common		
Band-tailed Pigeon	<i>Columba fasciata</i>	Unknown		
Mourning Dove	<i>Zenaida macroura</i>	Abundant		x
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	Rare	MBHFI	
Great Horned Owl	<i>Bubo virginianus</i>	Fairly Common		
Snowy Owl	<i>Nyctea scandiaca</i>	Unknown		
Western Burrowing Owl	<i>Athene cunicularia</i>	Uncommon	MBHFI, SSS, NSS4	
Long-eared Owl	<i>Asio otus</i>	Uncommon		
Short-eared Owl	<i>Asio flammeus</i>	Uncommon	MBHFI, NSS4	
Common Nighthawk	<i>Chordeiles minor</i>	Common		
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	Uncommon		
White-throated Swift	<i>Aeronautes saxatalis</i>	Uncommon		
Broad-tailed Hummingbird	<i>Selasphorus platycercus</i>	Rare		
Rufous Hummingbird	<i>Selasphorus rufus</i>	Rare		
Downy Woodpecker	<i>Picoides pubescens</i>	Uncommon		
Hairy Woodpecker	<i>Picoides villosus</i>	Rare		
Northern Flicker	<i>Colaptes auratus</i>	Uncommon		
Western Wood-Pewee	<i>Contopus sordidulus</i>	Fairly Common		
Empidonax Species	<i>Empidonax spp.</i>	Common		
Willow Flycatcher	<i>Empidonax traillii</i>	Fairly Common	NSS3	
Hammond's Flycatcher	<i>Empidonax hammondi</i>	Uncommon		
Gray Flycatcher	<i>Empidonax wrightii</i>	Common		
Dusky Flycatcher	<i>Empidonax oberholseri</i>	Common		
Say's Phoebe	<i>Sayornis saya</i>	Common		
Cassin's Kingbird	<i>Tyrannus vociferans</i>	Uncommon	MBHFI	
Western Kingbird	<i>Tyrannus verticalis</i>	Common		
Eastern Kingbird	<i>Tyrannus tyrannus</i>	Fairly Common		
Horned Lark	<i>Eremophila alpestris</i>	Abundant		x
Tree Swallow	<i>Tachycineta bicolor</i>	Fairly Common		
Violet-green Swallow	<i>Tachycineta thalassina</i>	Fairly Common		
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	Fairly Common		
Bank Swallow	<i>Riparia riparia</i>	Common		
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	Common		
Barn Swallow	<i>Hirundo rustica</i>	Fairly Common		
Steller's Jay	<i>Cyanocitta stelleri</i>	Uncommon		
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>	Rare		
Clark's Nutcracker	<i>Nucifraga columbiana</i>	Fairly Common		
Black-billed Magpie	<i>Pica pica</i>	Abundant		
American Crow	<i>Corvus brachyrhynchos</i>	Fairly Common		x
Common Raven	<i>Corvus corax</i>	Abundant		x
Black-capped Chickadee	<i>Poecile atricapillus</i>	Uncommon		
Mountain Chickadee	<i>Poecile gambeli</i>	Uncommon		
Red-breasted Nuthatch	<i>Sitta canadensis</i>	Fairly Common		

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Common Name	Scientific Name	Abundance Code <sup>1</sup>	Status <sup>2</sup>	Confirmed on Site
White-breasted Nuthatch	<i>Sitta carolinensis</i>	Rare		
Brown Creeper	<i>Certhia americana</i>	Uncommon		
Rock Wren	<i>Salpinctes obsoletus</i>	Common		
House Wren	<i>Troglodytes aedon</i>	Uncommon		
Western Bluebird	<i>Sialia mexicana</i>	Rare		
Mountain Bluebird	<i>Sialia currucoides</i>	Common		
Townsend's Solitaire	<i>Myadestes townsendi</i>	Uncommon		
Veery	<i>Catharus fuscescens</i>	Uncommon		
Swainson's Thrush	<i>Catharus ustulatus</i>	Uncommon		
Hermit Thrush	<i>Catharus guttatus</i>	Uncommon		
American Robin	<i>Turdus migratorius</i>	Common		x
Gray Catbird	<i>Dumetella carolinensis</i>	Uncommon		
Northern Mockingbird	<i>Mimus polyglottos</i>	Uncommon		
Sage Thrasher	<i>Oreoscoptes montanus</i>	Common	MBHFI, SSS, NSS4	x
European Starling	<i>Sturnus vulgaris</i>	Fairly Common		
Bohemian Waxwing	<i>Bombycilla garrulus</i>	Uncommon		
Cedar Waxwing	<i>Bombycilla cedrorum</i>	Uncommon		
Northern Shrike	<i>Lanius excubitor</i>	Uncommon		
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Common	BCC, MBHFI, SSS	x
Warbling Vireo	<i>Vireo gilvus</i>	Uncommon		
Yellow Warbler	<i>Dendroica petechia</i>	Fairly Common		
Yellow-rumped Warbler	<i>Dendroica coronata</i>	Fairly Common		
American Redstart	<i>Setophaga ruticilla</i>	Uncommon		
Northern Waterthrush	<i>Seiurus noveboracensis</i>	Rare		
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	Uncommon		
Common Yellowthroat	<i>Geothlypis trichas</i>	Uncommon		
Yellow-breasted Chat	<i>Icteria virens</i>	Uncommon		
Western Tanager	<i>Piranga ludoviciana</i>	Uncommon		
Black-headed Grosbeak	<i>Phoebastria melanoceros</i>	Rare		
Blue Grosbeak	<i>Guiraca caerulea</i>	Rare		
Lazuli Bunting	<i>Passerina amoena</i>	Uncommon		
Indigo Bunting	<i>Passerina cyanea</i>	Unknown		
Green-tailed Towhee	<i>Pipilo chlorurus</i>	Common		
Spotted Towhee	<i>Pipilo maculatus</i>	Fairly Common		
American Tree Sparrow	<i>Spizella arborea</i>	Uncommon		x
Chipping Sparrow	<i>Spizella passerina</i>	Uncommon		x
Clay-colored Sparrow	<i>Spizella pallida</i>	Rare		x
Brewer's Sparrow	<i>Spizella breweri</i>	Common	BCC, MBHFI, SSS, NSS4	x
Vesper Sparrow	<i>Poocetes gramineus</i>	Common	MBHFI	x
Lark Sparrow	<i>Chondestes grammacus</i>	Common	MBHFI	x
Sage Sparrow	<i>Amphispiza belli</i>	Fairly Common	MBHFI, SSS, NSS4	x
Lark Bunting	<i>Calamospiza melanocorys</i>	Common	MBHFI, NSS4	
Savannah Sparrow	<i>Passerculus sandwichensis</i>	Uncommon		
Grasshopper Sparrow	<i>Ammodramus saviannarum</i>	Uncommon	MBHFI, NSS4	
Song Sparrow	<i>Melospiza melodia</i>	Uncommon		
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	Uncommon		
Dark-eyed Junco	<i>Junco hyemalis</i>	Common		
McCown's Longspur	<i>Calcarius mccownii</i>	Uncommon	BCC, MBHFI, NSS4	
Chestnut-collared Longspur	<i>Calcarius ornatus</i>	Unknown	MBHFI, NSS4	
Snow Bunting	<i>Plectrophenax nivalis</i>	Unknown		

**Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area (Page 4 of 6)**

Common Name	Scientific Name	Abundance Code <sup>1</sup>	Status <sup>2</sup>	Confirmed on Site
Bobolink	<i>Dolichonyx oryzivorus</i>	Rare	MBHFI, NSS4	
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	Abundant		
Western Meadowlark	<i>Sturnella neglecta</i>	Abundant		x
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	Rare		
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	Abundant		
Common Grackle	<i>Quiscalus quiscula</i>	Fairly Common		
Brown-headed Cowbird	<i>Molothrus ater</i>	Fairly Common		
Bullock's Oriole	<i>Icterus bullockii</i>	Rare		
Gray-crowned Rosy Finch	<i>Leucosticte tephrocotis</i>	Fairly Common		
Cassin's Finch	<i>Carpodacus cassinii</i>	Uncommon		
House Finch	<i>Carpodacus mexicanus</i>	Uncommon		
Red Crossbill	<i>Loxia curvirostra</i>	Uncommon		
Pine Siskin	<i>Carduelis pinus</i>	Uncommon		
American Goldfinch	<i>Carduelis tristis</i>	Fairly Common		
House Sparrow	<i>Passer domesticus</i>	Uncommon		

**Table 2.8-4 Wildlife Species Observed or Potentially Occurring in the Permit Area (Page 5 of 6)**

Common Name	Scientific Name	Abundance Code <sup>1</sup>	Status <sup>2</sup>	Confirmed on Site
<b>MAMMALS</b>				
Masked Shrew	<i>Sorex cinereus</i>	Fairly Common		
Pygmy Shrew	<i>Sorex hoyi</i>	Rare		
Dusky Shrew	<i>Sorex monticolus</i>	Fairly Common		
Dwarf Shrew	<i>Sorex nanus</i>	Rare	NSS3	
Vagrant Shrew	<i>Sorex vagrans</i>	Rare	NSS3	
Western Small-footed Myotis	<i>Myotis ciliolabrum</i>	Uncommon	NSS3	
Long-eared Myotis	<i>Myotis evotis</i>	Uncommon	SSS	
Little Brown Myotis	<i>Myotis lucifugus</i>	Fairly Common	NSS3	
Long-legged Myotis	<i>Myotis volans</i>	Unknown	NSS2	
Hoary Bat	<i>Lasiurus cinereus</i>	Rare	NSS4	
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	Uncommon	NSS4	
Big Brown Bat	<i>Eptesicus fuscus</i>	Fairly Common	NSS3	
Townsend's Big-eared Bat	<i>Plecotus townsendii</i>	Rare	SSS, NSS2	
Pallid Bat	<i>Antrozous pallidus</i>	Rare	NSS2	
Pygmy Rabbit	<i>Brachylagus idahoensis</i>	Common	SSS, NSS3	x
Desert Cottontail	<i>Sylvilagus audubonii</i>	Common		x
Mountain Cottontail	<i>Sylvilagus nuttallii</i>	Fairly Common		
White-tailed Jackrabbit	<i>Lepus townsendii</i>	Common		x
Least Chipmunk	<i>Tamias minimus</i>	Common		x
Wyoming Ground Squirrel	<i>Spermophilus elegans</i>	Common		x
Thirteen-lined Ground Squirrel	<i>Spermophilus tridecemlineatus</i>	Common		x
White-tailed Prairie Dog	<i>Cynomys leucurus</i>	Uncommon	SSS, NSS4	
Northern Pocket Gopher	<i>Thomomys talpoides</i>	Common		
American Beaver	<i>Castor canadensis</i>	Common		
Olive-backed Pocket Mouse	<i>Perognathus fasciatus</i>	Common	NSS3	
Ord's Kangaroo Rat	<i>Dipodomys ordii</i>	Common		x
Western Harvest Mouse	<i>Reithrodontomys megalotis</i>	Uncommon		
Deer Mouse	<i>Peromyscus maniculatus</i>	Abundant		x
Northern Grasshopper Mouse	<i>Onychomys leucogaster</i>	Fairly Common		
Bushy-tailed Woodrat	<i>Neotoma cinerea</i>	Fairly Common		
House Mouse	<i>Mus musculus</i>	Uncommon		
Long-tailed Vole	<i>Microtus longicaudus</i>	Fairly Common		
Montane Vole	<i>Microtus montanus</i>	Common		
Prairie Vole	<i>Microtus ochrogaster</i>	Fairly Common	NSS3	
Sagebrush Vole	<i>Lemmyscus curtatus</i>	Fairly Common		
Western Jumping Mouse	<i>Zapus princeps</i>	Uncommon		
Common Porcupine	<i>Erethizon dorsatum</i>	Uncommon		
Coyote	<i>Canis latrans</i>	Abundant		x
Red Fox	<i>Vulpes vulpes</i>	Common		x
Raccoon	<i>Procyon lotor</i>	Rare		x
Long-tailed Weasel	<i>Mustela frenata</i>	Fairly Common		x
Black-footed Ferret	<i>Mustela nigripes</i>	Unknown	FE/NSS1	
American Badger	<i>Taxidea taxus</i>	Common		x
Western Spotted Skunk	<i>Spilogale gracilis</i>	Unknown		
Striped Skunk	<i>Mephitis mephitis</i>	Common		x
Mountain Lion	<i>Felis concolor</i>	Uncommon		
Bobcat	<i>Lynx rufus</i>	Fairly Common		x
American Elk	<i>Cervus elaphus</i>	Common		x
Mule Deer	<i>Odocoileus hemionus</i>	Abundant		x
Pronghorn	<i>Antilocapra americana</i>	Common		x
Feral Horse	<i>Equus caballus</i>	Common		x

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Common Name	Scientific Name	Abundance Code <sup>1</sup>	Status <sup>2</sup>	Confirmed on Site
<b>AMPHIBIANS</b>				
Tiger Salamander	<i>Ambystoma tigrinum</i>	Fairly Common		
Great Basin Spadefoot Toad	<i>Spea intermontana</i>	Unknown	SSS	
Western Chorus Frog	<i>Pseudacris triseriata</i>	Unknown		
Northern Leopard Frog	<i>Rana pipiens</i>	Rare	SSS	
<b>REPTILES</b>				
Northern Sagebrush Lizard	<i>Sceloporus graciosus</i>	Common		
Greater Short-horned Lizard	<i>Phrynosoma hernandesi</i>	Common		x
Great Basin Gopher Snake	<i>Pituophis catenifer</i>	Rare		
Western Terrestrial Garter Snake	<i>Thamnophis elegans</i>	Fairly Common		x
Prairie Rattlesnake	<i>Crotalus viridis</i>	Uncommon		x

\* (Wyoming Game and Fish Department, 2005)

<sup>1</sup> **Abundance Codes**

**Abundant** - A species that inhabits much of the preferred habitat within its range. The species or its sign is typically encountered while using survey techniques that could be expected to indicate its presence.

**Common** - A species that inhabits much of the preferred habitat within its range. The species or its sign is usually encountered while using survey techniques that could be expected to indicate its presence.

**Uncommon** - A species that is common only in limited areas within its range or is found throughout its range in relatively low densities. Intensive surveying is usually required to locate the species or its sign.

**Rare** - A species that occupies only a small percentage of the preferred habitat within its range or is found throughout its range in extremely low densities. The species or its sign is seldom encountered while using survey techniques that could be expected to indicate its presence.

**Unknown** - Insufficient information is available to determine abundance. Species is difficult to observe without specialized survey techniques.

<sup>2</sup> **Status**

**Federal – Endangered Species Act**

FT - Federally listed threatened species

**Federal – Migratory Bird Treaty Act**

BCC - Birds of Conservation Concern species identified by the USFWS as those migratory non-game birds that without additional conservation actions are likely to become candidates for listing under the Endangered Species Act.

**Federal – Migratory Birds of High Federal Interest in Wyoming**

MBHFI - Listed utilized by the USFWS, Wyoming Field Office for reviews concerning existing or proposed coal mine leased land.

**BLM – Special Status Species**

SSS - BLM Special Status Species are species protected under the Endangered Species Act and those designated by the State Director as Sensitive. Sensitive species are those under status review by the FWS/National Marine and Fisheries Service (NMFS), or whose numbers are declining so rapidly that Federal listing may become necessary, or with typically small or widely dispersed populations, or those inhabiting ecological refugia or other specialized or unique habitats. The minimum level of policy protection for these designated sensitive species will be the same as policy for candidate

**State – Native Species Status**

NSS1 - Native Species Status 1 - Populations are greatly restricted or declining, extirpation appears possible and on-going significant loss of habitat.

NSS2 - Native Species Status 2 - Populations are declining, extirpation appears possible; habitat is restricted or vulnerable but no recent or on-going significant loss; species may be sensitive to human disturbance.

NSS3 - Native Species Status 3 - Populations are greatly restricted or declining, extirpation appears possible; habitat is not restricted, vulnerable but no loss; species is not sensitive to human disturbance.

NSS4 - Native Species Status 4 - Populations are greatly restricted or declining, extirpation appears possible; habitat is stable and not restricted.