



Peace/Williston

FISH & WILDLIFE COMPENSATION PROGRAM

Fish & Wildlife Species List



for the

**Williston and Dinosaur
Reservoir Watersheds**

North Central British Columbia

photos provided by
**Peace/Williston Fish & Wildlife
Compensation Program**

Peace/Williston Fish and Wildlife Compensation Program (PFWWCP)

The **mission** of the PFWWCP is to conserve and enhance fish, wildlife, and their habitat in the program area for diverse benefits, now and in the future. The program area includes the watersheds of the Williston and Dinosaur Reservoirs in north central British Columbia.

The **technical objectives** of the PFWWCP are:

- To evaluate the status of fish, wildlife, and their habitats using acceptable biological standards in order to provide input into enhancement, management, and protection decisions.
- To undertake applied research in order to develop techniques and tools that can be used to maintain or enhance fish and wildlife populations.
- To undertake measurable projects which conserve or enhance abundance or diversity of native fish, wildlife, and their habitat.

The PFWWCP, established in 1988, is a joint initiative of BC Hydro and the provincial fish and wildlife management agencies. The PFWWCP is financed by a fund set up by BC Hydro to operate the program in perpetuity.

Williston and Dinosaur Reservoir Watersheds

The **Williston Reservoir** resulted from the construction of the W.A.C. Bennett hydroelectric dam, completed on the Peace River in 1968. About 90 km of the upper Peace River and 110 km each of the lower Finlay and Parsnip Rivers were inundated by the flooding, creating a reservoir 1,773 km² in size. It is currently the 9th largest man-made waterbody in the world. The reservoir's watershed is almost 70,000 km², more than two times the area of Vancouver Island. The Parsnip and Finlay River drainages occupy the Rocky Mountain Trench, which is bordered by the Omineca Mountains to the west and the Rocky Mountains to the east; the Peace River drainage cuts east from the Trench through the Rocky Mountains.

The **Dinosaur Reservoir** (8.9 km²) fills a narrow, 23 km long section of the Peace River between the W.A.C. Bennett Dam and the smaller Peace Canyon Dam, constructed just west of Hudson's Hope in 1980. The reservoir's watershed is 750 km² in area.

The watersheds' topography varies from low elevation forests around the Williston Reservoir (670 m) and along the major rivers, to rugged mountainous terrain (Mt. Ulysses 3,024 m).

Williston and Dinosaur Reservoir Watersheds



Mature conifer forests of pine, spruce, and subalpine fir dominate the landscape. Deciduous trees such as aspen, paper birch, and cottonwood are also present. Short growing seasons and cold winters with deep snow characterize the watersheds' climate.

Communities in or near the watersheds include McLeod Lake, Bear Lake, Mackenzie, Manson Creek, Germansen Landing, Tsay Keh Dene, Fort Ware, and Hudson's Hope.

Species List

This species list identifies the **319 vertebrate fish and wildlife species** known to occur in the Williston and Dinosaur Reservoir watersheds.

The composition and abundance of fish species in the reservoirs have changed since 1968, favouring species adapted to lacustrine (lake) habitats. Currently, **24 fish species** are identified: 22 occur in both watersheds, while 2 (Spoonhead Sculpin and Mottled Sculpin) are present only in the Dinosaur Reservoir. One species (Brook Trout) has been introduced to the area.

There are **295 wildlife species** present. Three of the **7 herptile species** in this list have limited distribution in the watersheds (Striped Chorus Frogs, Western Garter Snakes, and Common Garter Snakes).

The **55 mammal species** include insect-eating bats and shrews, carnivorous Fishers and Lynx, and herbivorous Moose and Caribou.

As many as **233 bird species** (representing 44 taxonomic families) occur in the watersheds. Some species, including grouse, woodpeckers, and owls, are resident year-round, while others arrive here to breed in spring and summer, or stop here to feed and rest during their spring and fall migrations.

Fish

Fish Species List Codes

An **(R)** or **(B)** after the species name indicates that the species is **red-** or **blue-listed** on the 2000 Provincial Vertebrate Animal Tracking List. Red-listed species are considered endangered or threatened in BC; blue-listed species are considered vulnerable and of special concern in BC. An **(I)** after the species name indicates an **introduced** species.

The relative abundance ratings presented for each fish species are based on current observation records and population estimates within the watersheds.

Relative Abundance

- ◆ Rare or isolated occurrence
- Uncommon species
- Common species

The following codes identify the general aquatic habitats in which each fish species is expected to be present.

Habitat

- RIV** Rivers
- LAK** Lakes
- RES** Reservoirs

Presence

- O** Occasional presence
- Y** Year-round presence

Fish

Trouts, Salmon, Chars, and Whitefishes

✓ Species	Abundance	RIV	LAK	RES
<input type="checkbox"/> Lake Whitefish	●	Y	Y	Y
<input type="checkbox"/> Pygmy Whitefish	●	O	Y	Y
<input type="checkbox"/> Mountain Whitefish	●	Y	O	O
<input type="checkbox"/> Arctic Grayling (R)	●	Y	O	O
<input type="checkbox"/> Lake Trout	●	O	Y	Y
<input type="checkbox"/> Brook Trout (I)	◆		Y	
<input type="checkbox"/> Dolly Varden	◆	Y		
<input type="checkbox"/> Bull Trout (B)	●	Y	Y	Y
<input type="checkbox"/> Rainbow Trout	●	Y	Y	Y
<input type="checkbox"/> Kokanee	●	O	Y	Y

Minnows

✓ Species	Abundance	RIV	LAK	RES
<input type="checkbox"/> Northern Pikeminnow	●	O	Y	Y
<input type="checkbox"/> Peamouth Chub	●	Y	Y	Y
<input type="checkbox"/> Redside Shiner	●	Y	Y	Y
<input type="checkbox"/> Lake Chub	●	Y	Y	Y
<input type="checkbox"/> Longnose Dace	●	Y	O	O
<input type="checkbox"/> Brassy Minnow (B)	◆		Y	

Suckers

✓ Species	Abundance	RIV	LAK	RES
<input type="checkbox"/> White Sucker	●	Y	Y	Y
<input type="checkbox"/> Largescale Sucker	●	O	Y	Y
<input type="checkbox"/> Longnose Sucker	●	Y	Y	Y

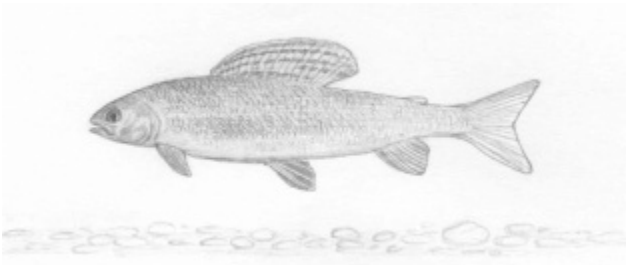
Fish

Cods

✓ Species	Abundance	RIV	LAK	RES
<input type="checkbox"/> Burbot	●	Y	Y	Y

Sculpins

✓ Species	Abundance	RIV	LAK	RES
<input type="checkbox"/> Prickly Sculpin	●	Y	Y	Y
<input type="checkbox"/> Slimy Sculpin	●	Y	Y	Y
<input type="checkbox"/> Spoonhead Sculpin	◆			Y
<input type="checkbox"/> Mottled Sculpin	◆			Y



Arctic Grayling

Wildlife

Wildlife Species List Codes

Species names and taxonomy follow the Royal BC Museum taxonomic catalogue of mammals, and the 7th edition American Ornithologists' Union Checklist of North American Birds. An **(R)** or **(B)** after the species name indicates that the species is **red-** or **blue-listed** on the 2000 Provincial Vertebrate Animal Tracking List. Red-listed species are considered endangered or threatened in BC; blue-listed species are considered vulnerable and of special concern in BC.

The relative abundance ratings presented for each species are based on current observation records and population estimates within the watersheds.

Relative Abundance

- ◆ Rare or isolated occurrence
- Uncommon species
- Common species

Relative abundance is rated seasonally because of the migratory nature of many species in this list.

Season

W	Winter:	mid-December to mid-March
P	Spring:	mid-March to mid-June
S	Summer:	mid-June to mid-September
F	Fall:	mid-September to mid-December

Wildlife

Wildlife Species List Codes

Habitat types were broadly defined in order to accommodate a list which includes very diverse wildlife species. The following codes identify the general habitat types in which each wildlife species is likely to occur.

Habitat Codes

- W** Wetlands, ponds, streams, riparian areas
- R** Rivers and adjacent shoreline habitat
- L** Lakes and adjacent shoreline habitat
- U** Urban areas
- K** Rock, clay banks, cliffs, avalanche chutes
- O** Fields, meadows, shrublands, clearcuts
- E** Edge habitat (e.g., forest edge)
- D** Deciduous forest
- M** Mixedwood forest
- C** Coniferous forest
- A** Alpine habitats

Bird species have an extra column between the species name and winter abundance rating to indicate their **breeding status** in the watershed.

- B** Breeding confirmed or presumed
- b** Breeding possible

Herptiles

Amphibians

✓ Species	W	P	S	F	General Habitat								
<input type="checkbox"/> Long-toed Salamander	●	●	●	●	W	L	U	O	E	D	M	C	A
<input type="checkbox"/> Western Toad	●	●	●	●	W	L	U	O	E	D	M	C	A
<input type="checkbox"/> Spotted Frog	●	●	●	●	W	L	U	O	E	D	M	C	A
<input type="checkbox"/> Wood Frog	●	●	●	●	W	L	U	O	E	D	M	C	
<input type="checkbox"/> Striped Chorus Frog	◆	◆	◆	◆	W	L	U	O	E	D	M	C	



Western Toad

Reptiles

✓ Species	W	P	S	F	General Habitat									
<input type="checkbox"/> Western Garter Snake	▮	▮	▮	▮	W	R	L	U	K	O	E	D	M	C
<input type="checkbox"/> Common Garter Snake	▮	▮	▮	▮	W	R	L	U	K	O	E	D	M	C

Mammals

Bats

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Big Brown Bat	▶	▶	▶	▶	WRL	UK	OEDMC
<input type="checkbox"/> Silver-haired Bat	▶	▶	▶		L	OEDMC	
<input type="checkbox"/> Northern Long-eared Myotis (B)	◆	◆	◆	W	UK	OEDMC	
<input type="checkbox"/> Little Brown Myotis	●	●	●	●	WRL	UK	OEDMC
<input type="checkbox"/> Long-legged Myotis	▶	▶	◆	W	L	UK	OEDMC

Insectivores

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Common Shrew	●	●	●	●			DMC
<input type="checkbox"/> Pygmy Shrew	▶	▶	▶	▶	W	O	D
<input type="checkbox"/> Dusky Shrew	●	●	●	●	W	O	A
<input type="checkbox"/> Water Shrew	▶	▶	▶	▶	W	L	CA

Lagomorphs

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Snowshoe Hare	●	●	●	●		O	DMC
<input type="checkbox"/> Common Pika	▶	▶	▶	▶		KO	A



Mammals

Rodents

✓ Species	W P S F	General Habitat
<input type="checkbox"/> Southern Red-backed Vole	● ● ● ● W	K O D M C A
<input type="checkbox"/> Northern Red-backed Vole	● ● ● ● W	O D M C A
<input type="checkbox"/> Brown (Siberian) Lemming	▶ ▶ ▶ ▶	O D M A
<input type="checkbox"/> Long-tailed Vole	▶ ▶ ▶ ▶ W	K O D M C
<input type="checkbox"/> Meadow Vole	● ● ● ● W	O
<input type="checkbox"/> Heather Vole	▶ ▶ ▶ ▶ W	O C A
<input type="checkbox"/> Muskrat	● ● ● ● W R L	
<input type="checkbox"/> Northern Bog Lemming	● ● ● ● W	A
<input type="checkbox"/> Beaver	● ● ● ● W R L	D M
<input type="checkbox"/> Bushy-tailed Wood Rat	● ● ● ●	U K O M C A
<input type="checkbox"/> Deer Mouse	● ● ● ●	U K O D M C A
<input type="checkbox"/> Porcupine	● ● ● ●	K O D M C
<input type="checkbox"/> House Mouse	▶ ▶ ▶ ▶	U O
<input type="checkbox"/> Northern Flying Squirrel	▶ ▶ ▶ ▶	M C
<input type="checkbox"/> Hoary Marmot	● ● ● ●	K O A
<input type="checkbox"/> Woodchuck	▶ ▶ ▶ ▶	K O D M C A
<input type="checkbox"/> Golden-mantled Ground Squirrel	▶ ▶ ▶ ▶	K O A
<input type="checkbox"/> Arctic Ground Squirrel	▶ ▶ ▶ ▶	K O
<input type="checkbox"/> Least Chipmunk	● ● ● ●	K O D M A
<input type="checkbox"/> Red Squirrel	● ● ● ●	U M C
<input type="checkbox"/> Meadow Jumping Mouse	● ● ● ● W	O A
<input type="checkbox"/> Western Jumping Mouse	● ● ● ● W	O A

Mammals

Carnivores

✓ Species	W P S F	General Habitat
<input type="checkbox"/> Coyote	● ● ● ● W	U K O E D M C A
<input type="checkbox"/> Gray Wolf	● ● ● ● W R	K O E D M C A
<input type="checkbox"/> Red Fox	● ● ● ● W	U K O E D M C A
<input type="checkbox"/> Cougar	◆ ◆ ◆ ◆	K E M C
<input type="checkbox"/> Lynx	● ● ● ●	K E M C
<input type="checkbox"/> Wolverine (B)	● ● ● ● W R	K O E D M C A
<input type="checkbox"/> River Otter	● ● ● ● W R L	
<input type="checkbox"/> Marten	● ● ● ● W	M C
<input type="checkbox"/> Fisher (B)	▶ ▶ ▶ ▶ W	D M C
<input type="checkbox"/> Striped Skunk	● ● ● ●	U O E D M C
<input type="checkbox"/> Ermine (Short-tailed Weasel)	● ● ● ● W R L	K O E D M C
<input type="checkbox"/> Least Weasel	▶ ▶ ▶ ▶ W R L	O D M
<input type="checkbox"/> Mink	● ● ● ● W R L	E D M
<input type="checkbox"/> Black Bear	● ● ● ● W R	U K O D M C A
<input type="checkbox"/> Grizzly Bear (B)	● ● ● ● W R	U K O M C A



Woodland Caribou Tracks

Ungulates

✓ Species	W P S F	General Habitat
<input type="checkbox"/> Mountain Goat	● ● ● ●	K C C A
<input type="checkbox"/> Stone's Sheep	● ● ● ●	K C C A
<input type="checkbox"/> Moose	● ● ● ● W R L	C E D M C
<input type="checkbox"/> Rocky Mountain Elk	▶ ▶ ▶ ▶ W	K C D M C A
<input type="checkbox"/> Mule Deer	▶ ▶ ▶ ▶	U C E D M
<input type="checkbox"/> White-tailed Deer	▶ ▶ ▶ ▶	U C E D M A
<input type="checkbox"/> Woodland Caribou	● ● ● ● W	C C A

Birds

Loons

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Red-throated Loon	◆	◆	◆	WRL	
<input type="checkbox"/> Pacific Loon		◆	◆	RL	
<input type="checkbox"/> Common Loon	<i>B</i>	●	●	● WRL	

Grebes

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Pied-billed Grebe	<i>b</i>	◆	◆	◆ W L	
<input type="checkbox"/> Horned Grebe	<i>b</i>	◆	◆	◆ W L	
<input type="checkbox"/> Red-necked Grebe	<i>B</i>	●	●	● WRL	
<input type="checkbox"/> Eared Grebe		◆	◆	◆ W L	
<input type="checkbox"/> Western Grebe (R)		◆	◆	◆ WRL	

Pelicans

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> American White Pelican (R)		◆	◆	WRL	

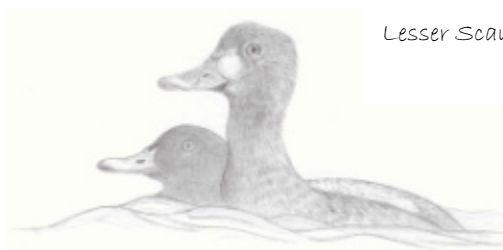
Cormorants

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Double-crested Cormorant (B)		◆	◆	◆ RL	

Bitterns, Herons, and Egrets

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> American Bittern (B)	<i>B</i>	◆	◆	◆ WRL	○
<input type="checkbox"/> Great Blue Heron (B)		◆	◆	◆ WRL	○ D
<input type="checkbox"/> Cattle Egret				◆ W	○

Birds



Lesser Scaups

Geese, Swans, and Ducks

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Greater White-fronted Goose	▶	◆	▶	W	L O
<input type="checkbox"/> Snow Goose	▶		▶	W	L O
<input type="checkbox"/> Canada Goose	B ▶	●	●	●	WRL U OE
<input type="checkbox"/> Trumpeter Swan (B)	B ▶	●	◆	●	WRL O
<input type="checkbox"/> Tundra Swan	▶	▶	▶	WRL	O
<input type="checkbox"/> Wood Duck	b	▶	◆	▶	WRL EDM
<input type="checkbox"/> Gadwall		◆	▶	◆	WRL
<input type="checkbox"/> Eurasian Wigeon		◆		WRL	
<input type="checkbox"/> American Wigeon	B	●	●	●	WRL
<input type="checkbox"/> Mallard	B ▶	●	●	●	WRL U EDMC
<input type="checkbox"/> Blue-winged Teal	B	●	●	◆	WRL
<input type="checkbox"/> Cinnamon Teal		▶	▶	◆	W L
<input type="checkbox"/> Northern Shoveler	B	●	●	●	W L
<input type="checkbox"/> Northern Pintail	B	●	▶	●	WRL U O
<input type="checkbox"/> American Green-winged Teal	B ▶	●	●	●	WRL U OE
<input type="checkbox"/> Canvasback	b	●	▶	▶	WRL
<input type="checkbox"/> Redhead	b	▶	▶	▶	WRL
<input type="checkbox"/> Ring-necked Duck	B	●	●	▶	WRL
<input type="checkbox"/> Greater Scaup		●		●	WRL
<input type="checkbox"/> Lesser Scaup	B	●	▶	●	WRL
<input type="checkbox"/> Harlequin Duck	B	▶	▶	▶	RL

Birds

Geese, Swans, and Ducks continued

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Surf Scoter (B)		●	▷	▷	WRL		
<input type="checkbox"/> White-winged Scoter	<i>b</i>		▷	▷	▷	WRL	
<input type="checkbox"/> Oldsquaw (B)			▷		▷	WRL	
<input type="checkbox"/> Bufflehead	<i>B</i>	◆	●	●	●	WRL	E DM
<input type="checkbox"/> Common Goldeneye	<i>B</i>	▷	●	◆	●	WRL	E DM
<input type="checkbox"/> Barrow's Goldeneye	<i>B</i>	▷	●	●	▷	WRL	E DM
<input type="checkbox"/> Hooded Merganser	<i>b</i>	◆	●	▷	●	WRL	E DM
<input type="checkbox"/> Common Merganser	<i>B</i>	●	●	●	●	WRL	E DMC
<input type="checkbox"/> Red-breasted Merganser			▷	◆	▷	RL	
<input type="checkbox"/> Ruddy Duck	<i>B</i>	◆	◆	◆	W	L	



Bald Eagle Tracks

Ospreys, Eagles, and Hawks

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Osprey	<i>B</i>		●	●	◆	WRL	MC
<input type="checkbox"/> Bald Eagle	<i>B</i>	▷	●	●	●	WRL U	O E D M C A
<input type="checkbox"/> Northern Harrier	<i>B</i>		●	●	▷	W U	O E A
<input type="checkbox"/> Sharp-shinned Hawk	<i>B</i>	◆	●	●	●	WRL U	O E D M C A
<input type="checkbox"/> Cooper's Hawk	<i>b</i>		▷	▷	▷	W U	O E D M C
<input type="checkbox"/> Northern Goshawk	<i>B</i>	▷	▷	▷	▷	WRL U	K O E D M C A
<input type="checkbox"/> Broad-winged Hawk (R)			◆	◆			DM
<input type="checkbox"/> Swainson's Hawk (R)			◆	◆	W	U O	M A
<input type="checkbox"/> Red-tailed Hawk	<i>B</i>	◆	●	●	▷	W U	O E D M C A
<input type="checkbox"/> Rough-legged Hawk		◆	▷	◆	▷	W U	O A
<input type="checkbox"/> Golden Eagle	<i>B</i>	◆	●	●	●	WRL U	K O A

Birds

Falcons

✓ Species	W	P	S	F	General Habitat								
<input type="checkbox"/> American Kestrel	B	●	●	●	WRL	U	O	E	D	M	C	A	
<input type="checkbox"/> Merlin	B	◆	●	●	●	WRL	U	O	E	D	M	C	A
<input type="checkbox"/> American Peregrine Falcon (R)	b	◆	◆	◆	WRL	U	K	O				A	

Grouse and Ptarmigans

✓ Species	W	P	S	F	General Habitat										
<input type="checkbox"/> Ruffed Grouse	B	●	●	●	●	W	U	O	E	D	M	C			
<input type="checkbox"/> Spruce Grouse	B	●	●	●	●		U	O	E		M	C	A		
<input type="checkbox"/> Blue Grouse	B	▶	▶	▶	▶			O	E		C	A			
<input type="checkbox"/> Willow Ptarmigan	B	●	●	●	●	W	L	U	K	O	E	D	M	C	A
<input type="checkbox"/> Rock Ptarmigan	b	◆	◆	◆	◆		L	K	O				A		
<input type="checkbox"/> White-tailed Ptarmigan	B	●	●	●	●	W	U	K	O				A		
<input type="checkbox"/> Sharp-tailed Grouse	b	▶	▶	▶	▶			O	E				A		



Ruffed Grouse Track

Rails, Gallinules, and Coots

✓ Species	W	P	S	F	General Habitat						
<input type="checkbox"/> Sora	B	●	●		W	L		O			
<input type="checkbox"/> American Coot	B	●	▶	●	WRL						

Cranes

✓ Species	W	P	S	F	General Habitat						
<input type="checkbox"/> Sandhill Crane (B)	B	●	▶	●	W	L		O	E		

Birds

Plovers

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Black-bellied Plover			◆◆	WRL	O		
<input type="checkbox"/> American Golden-plover (B)			◆◆	WRL	O		
<input type="checkbox"/> Semipalmated Plover	<i>b</i>	▶▶		WRL	O		A
<input type="checkbox"/> Killdeer	<i>B</i>	●●●		WRL U	O		A

Sandpipers and Phalaropes

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Greater Yellowlegs	<i>B</i>	●▶▶		WRL	OE		
<input type="checkbox"/> Lesser Yellowlegs	<i>B</i>	●●●		WRL	OE		
<input type="checkbox"/> Solitary Sandpiper	<i>B</i>	●●		WRL	OE		C
<input type="checkbox"/> Spotted Sandpiper	<i>B</i>	●●		WRL	O		A
<input type="checkbox"/> Upland Sandpiper (R)		◆◆◆			U	O	D A
<input type="checkbox"/> Whimbrel		◆		W L	O		
<input type="checkbox"/> Long-billed Curlew (B)		◆			O		
<input type="checkbox"/> Semipalmated Sandpiper		▶●		WRL	O		
<input type="checkbox"/> Western Sandpiper		◆▶		WRL	O		
<input type="checkbox"/> Least Sandpiper	<i>b</i>	▶▶▶		WRL	O		
<input type="checkbox"/> Baird's Sandpiper		◆◆		WRL	O		A
<input type="checkbox"/> Pectoral Sandpiper		▶▶▶		WRL	O		A
<input type="checkbox"/> Stilt Sandpiper		◆		W L			
<input type="checkbox"/> Short-billed Dowitcher (B)	<i>b</i>	▶▶▶		W L	O		
<input type="checkbox"/> Long-billed Dowitcher		▶●		W L	O		
<input type="checkbox"/> Common Snipe	<i>B</i>	●●▶		W L U	O		
<input type="checkbox"/> Wilson's Phalarope	<i>b</i>	◆◆		W L	O		
<input type="checkbox"/> Red-necked Phalarope (B)		◆◆		W L	O		

Birds

Gulls and Terns

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Bonaparte's Gull	<i>B</i>	●	●	◐	WRL	E	C	A
<input type="checkbox"/> Mew Gull	<i>B</i>		◐	◐	WRL	U		
<input type="checkbox"/> Ring-billed Gull			◐	◐	RL	U		
<input type="checkbox"/> California Gull (B)			◐	◐	RL	U		
<input type="checkbox"/> Herring Gull	<i>b</i>	●	●	●	RL	U		A
<input type="checkbox"/> Glaucous-winged Gull		◆		◆	W	L	U	
<input type="checkbox"/> Common Tern			◐	◐	W	L		
<input type="checkbox"/> Arctic Tern			◆	◆	W	L		
<input type="checkbox"/> Black Tern	<i>B</i>		◐	◐	◐	W	L	

Doves

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Rock Dove			◆	◆	U	O		
<input type="checkbox"/> Mourning Dove			◆	◆	U	O	DMC	

Typical Owls

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Great Horned Owl	<i>B</i>	●	●	●	●	WRL	UK	OEDMCA
<input type="checkbox"/> Snowy Owl			◐		◐	W	L	UKO A
<input type="checkbox"/> Northern Hawk Owl	<i>B</i>	◐		◆	◐	W	L	OEDMCA
<input type="checkbox"/> Northern Pygmy-Owl	<i>B</i>	●	●	●	●	W	L	UKOEDMC
<input type="checkbox"/> Barred Owl	<i>B</i>	●	●	●	●	W	L	U OEDMC
<input type="checkbox"/> Great Gray Owl	<i>B</i>	◐	◐	◐	◐	W		OEDMC
<input type="checkbox"/> Long-eared Owl	<i>b</i>		◆	◆		W	L	O DM
<input type="checkbox"/> Short-eared Owl (B)	<i>b</i>	◐	◐	◐	◐	W	L	U OE A
<input type="checkbox"/> Boreal Owl	<i>B</i>	◐	◐	◐	◐			EDMCA
<input type="checkbox"/> Northern Saw-whet Owl	<i>B</i>	◐	●	●	◐	W	L	UKOEDMCA

Birds



Northern Saw-whet Owl

Goatsuckers

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Common Nighthawk	<i>B</i>	●	●		W L UK OE A

Swifts

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Black Swift	<i>b</i>		◐		W L KO A
<input type="checkbox"/> Vaux's Swift	<i>b</i>	●	●		W L UKO MCA

Hummingbirds

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Black-chinned Hummingbird			◆		KO DMCA
<input type="checkbox"/> Calliope Hummingbird	<i>B</i>	●	●		W L UKO EDMCA
<input type="checkbox"/> Rufous Hummingbird	<i>B</i>	●	●	◐	WRL UKO EDMCA

Kingfishers

✓ Species	W	P	S	F	General Habitat
<input type="checkbox"/> Belted Kingfisher	<i>B</i>	◆	●	●	◐ WRL

Birds

Woodpeckers

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Yellow-bellied Sapsucker	<i>B</i>	●	●	●	W		E D M C
<input type="checkbox"/> Red-naped Sapsucker		▷	▷	▷	W		E D M C
<input type="checkbox"/> Red-breasted Sapsucker	<i>B</i>	●	●	●	W	U	E D M C
<input type="checkbox"/> Downy Woodpecker	<i>B</i>	●	●	●	●	W	U E D M C
<input type="checkbox"/> Hairy Woodpecker	<i>B</i>	●	●	●	●	W	U E D M C
<input type="checkbox"/> Three-toed Woodpecker	<i>B</i>	●	●	●	●		E M C
<input type="checkbox"/> Black-backed Woodpecker	<i>B</i>	▷	▷	▷	▷		E M C
<input type="checkbox"/> Northern Flicker	<i>B</i>	●	●	●	W	L U	O E D M C
<input type="checkbox"/> Pileated Woodpecker	<i>B</i>	◆	●	●	●		U E D M C

Flycatchers

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Olive-sided Flycatcher	<i>B</i>	●	●		W	L	E D M C
<input type="checkbox"/> Western Wood-Pewee	<i>B</i>	●	●		W		E D M C
<input type="checkbox"/> Yellow-bellied Flycatcher	<i>b</i>	◆	▷	◆	W		M C
<input type="checkbox"/> Alder Flycatcher	<i>B</i>	●	●		W R L		O D
<input type="checkbox"/> Least Flycatcher	<i>B</i>	●	●		W	L U	O E D M
<input type="checkbox"/> Hammond's Flycatcher	<i>B</i>	●	●		W		E D M C
<input type="checkbox"/> Dusky Flycatcher	<i>B</i>	●	●		W	L	O E D M C
<input type="checkbox"/> Pacific-slope Flycatcher	<i>b</i>	▷	▷		W		K E M C
<input type="checkbox"/> Eastern Phoebe		◆	◆		W		U K O E D M A
<input type="checkbox"/> Say's Phoebe	<i>b</i>	◆	◆				K O A
<input type="checkbox"/> Eastern Kingbird	<i>B</i>	▷	▷		W R L		O D

Birds

Shrikes

✓ Species	W	P	S	F	General Habitat						
<input type="checkbox"/> Northern Shrike	B	▶	▶	◆	▶	WR	U	K	O	E	A

Vireos

✓ Species	W	P	S	F	General Habitat						
<input type="checkbox"/> Blue-headed Vireo	<i>b</i>	▶	▶		W	U	O	E	D	M	C
<input type="checkbox"/> Cassin's Vireo	B	●	●		W	U	O	E	D	M	C
<input type="checkbox"/> Warbling Vireo	<i>B</i>	●	●		W	U	O	E	D	M	A
<input type="checkbox"/> Red-eyed Vireo	<i>B</i>	▶	▶		W		E	D	M		

Jays, Magpies, and Crows

✓ Species	W	P	S	F	General Habitat											
<input type="checkbox"/> Gray Jay	<i>B</i>	●	●	●	●	W	U	O	E	D	M	C	A			
<input type="checkbox"/> Steller's Jay	<i>B</i>	●	●	●	●	W	U	O	E		M	C	A			
<input type="checkbox"/> Blue Jay	<i>b</i>	◆	◆	▶			U	O		D	M					
<input type="checkbox"/> Clark's Nutcracker		◆	◆	◆									C	A		
<input type="checkbox"/> Black-billed Magpie	<i>B</i>	▶	▶	▶	▶	W	U	O	E	D	M	C				
<input type="checkbox"/> American Crow	<i>B</i>	●	●	●	●	W	U	O	E	D	M	C				
<input type="checkbox"/> Common Raven	<i>B</i>	●	●	●	●	W	R	L	U	K	O	E	D	M	C	A

Larks

✓ Species	W	P	S	F	General Habitat						
<input type="checkbox"/> Horned Lark	<i>B</i>	▶	●	▶		L	O				A

Birds

Swallows

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Tree Swallow	<i>B</i>	●	●		WRL	U	OEDM	A
<input type="checkbox"/> Violet-green Swallow	<i>B</i>	●	●		WRL	UKOE		A
<input type="checkbox"/> Northern Rough-winged Swallow	<i>B</i>	▶	▶		WRL	KOE		
<input type="checkbox"/> Bank Swallow	<i>B</i>	●	●		WRL	KOE		
<input type="checkbox"/> Cliff Swallow	<i>B</i>	●	●		WRL	UKOE		A
<input type="checkbox"/> Barn Swallow	<i>B</i>	●	●	▶	WRL	UKOE		A

Chickadees

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Black-capped Chickadee	<i>B</i>	●	●	●	W	U	OEDMC	
<input type="checkbox"/> Mountain Chickadee	<i>B</i>	▶	▶	▶				CA
<input type="checkbox"/> Chestnut-backed Chickadee			◆	◆				C
<input type="checkbox"/> Boreal Chickadee	<i>B</i>	▶	▶	▶	W		DMCA	

Nuthatches

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Red-breasted Nuthatch	<i>B</i>	●	●	●	W	U	EDMC	

Creepers

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Brown Creeper	<i>B</i>	▶	▶	▶	U	DMC		

Birds

Wrens

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> House Wren	<i>b</i>	▶	▶	▶	W	U	O	DM
<input type="checkbox"/> Winter Wren	<i>B</i>	◆	●	●	●	W	E	MC
<input type="checkbox"/> Marsh Wren	<i>b</i>	▶	▶	▶	W			

Dippers

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> American Dipper	<i>B</i>	▶	▶	▶	▶	W	R	L K

Kinglets

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Golden-crowned Kinglet	<i>B</i>	◆	●	●	●	W	R	U K MCA
<input type="checkbox"/> Ruby-crowned Kinglet	<i>B</i>		●	●	●	W	R L U	DMCA

Bluebirds and Thrushes

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Mountain Bluebird	<i>B</i>	▶	▶	◆	W	O	E	DMCA
<input type="checkbox"/> Townsend's Solitaire	<i>B</i>	▶	▶	▶	W	K	O	E DMCA
<input type="checkbox"/> Gray-cheeked Thrush	<i>B</i>	◆	◆		W	E		MC
<input type="checkbox"/> Swainson's Thrush	<i>B</i>	●	●		W	O	E	DMC
<input type="checkbox"/> Hermit Thrush	<i>B</i>	●	●	●	W	O	E	DMCA
<input type="checkbox"/> American Robin	<i>B</i>	◆	●	●	●	W	L	U K O E DMCA

Birds

Varied Thrush B ◆ ● ● ● W U E MCA

Starlings

✓ Species W P S F General Habitat

European Starling B ◆ ● ● ● W U OE

Pipits

✓ Species W P S F General Habitat

American Pipit B ● ● ◆ W L K O A

Waxwings

✓ Species W P S F General Habitat

Bohemian Waxwing B ● ◐ ◐ ● W U O E D M C A

Cedar Waxwing B ● ● ◐ W R U O E D M



Birds

Wood-Warblers

✓ Species		W	P	S	F	General Habitat								
<input type="checkbox"/> Tennessee Warbler	<i>B</i>	▶	▶		W		O	E	D	M				
<input type="checkbox"/> Orange-crowned Warbler	<i>B</i>	●	●	●	W	U	O	E	D					
<input type="checkbox"/> Yellow Warbler	<i>B</i>	●	●		WRL	U	K	O	E	D	M	A		
<input type="checkbox"/> Magnolia Warbler	<i>B</i>	●	●		W		E		M	C	A			
<input type="checkbox"/> Yellow-rumped Warbler	<i>B</i>	●	●	●	W	L	U	R	O	E	D	M	C	A
<input type="checkbox"/> Townsend's Warbler	<i>B</i>	▶	▶		W	U				M	C			
<input type="checkbox"/> Blackpoll Warbler	<i>B</i>	▶	▶		W		E		M	C				
<input type="checkbox"/> Black-and-white Warbler		◆	◆							D				
<input type="checkbox"/> American Redstart	<i>B</i>	●	●		W	L	U	R	O	E	D	M	C	A
<input type="checkbox"/> Ovenbird	<i>B</i>	▶	▶							D	M			
<input type="checkbox"/> Northern Waterthrush	<i>B</i>	●	●		WRL		O							
<input type="checkbox"/> MacGillivray's Warbler	<i>B</i>	▶	▶		W		K	O	E	D	M			
<input type="checkbox"/> Common Yellowthroat	<i>B</i>	●	●	▶	WRL		O							
<input type="checkbox"/> Wilson's Warbler	<i>B</i>	●	●	●	W	U	K	O		M	C	A		
<input type="checkbox"/> Yellow-breasted Chat (R)		◆			WR									

Tanagers

✓ Species		W	P	S	F	General Habitat				
<input type="checkbox"/> Western Tanager	<i>B</i>	●	●		W	U	E		M	C



Dark-eyed Junco Tracks

Birds

Sparrows and Allies

✓ Species	W	P	S	F	General Habitat				
<input type="checkbox"/> American Tree Sparrow	<i>b</i>	◆	▷	▷	W	U	O		A
<input type="checkbox"/> Chipping Sparrow	<i>B</i>	●	●		W	U	O E D M C A		
<input type="checkbox"/> Clay-colored Sparrow	<i>B</i>	▷	▷	▷	W		O E D		
<input type="checkbox"/> Brewer's Sparrow	<i>B</i>	▷	▷	▷			O		A
<input type="checkbox"/> Vesper Sparrow	<i>B</i>	▷	▷				O		A
<input type="checkbox"/> Savannah Sparrow	<i>B</i>	●	●	●	W		O E		A
<input type="checkbox"/> Fox Sparrow	<i>B</i>	◆	●	●	◆	W R	U O		M C A
<input type="checkbox"/> Song Sparrow	<i>B</i>	◆	●	●	▷	W R L	U O E		M C A
<input type="checkbox"/> Lincoln's Sparrow	<i>B</i>	●	●	●	W	L U	O E		
<input type="checkbox"/> Swamp Sparrow	<i>B</i>	▷	▷	▷	W				
<input type="checkbox"/> White-throated Sparrow	<i>B</i>	◆	●	●	▷	W	U O E D M		
<input type="checkbox"/> Harris' Sparrow		◆		◆	W	U	O E		A
<input type="checkbox"/> White-crowned Sparrow	<i>B</i>	◆	●	●	◆	W	U O E D M		A
<input type="checkbox"/> Golden-crowned Sparrow	<i>B</i>	◆	●	●	▷	W	U O		A
<input type="checkbox"/> Dark-eyed Junco	<i>B</i>	▷	●	●	●	W R L	U K O E D M C A		
<input type="checkbox"/> Lapland Longspur		▷	▷	▷	W	U	O		A
<input type="checkbox"/> Snow Bunting		▷	▷	◆	▷	W	U K O		A

Grosbeaks and Allies

✓ Species	W	P	S	F	General Habitat				
<input type="checkbox"/> Rose-breasted Grosbeak	<i>b</i>	◆	◆		W	U	O D		
<input type="checkbox"/> Dickcissel		◆				U	O		

Birds

Blackbirds

✓ Species	W	P	S	F	General Habitat		
<input type="checkbox"/> Bobolink (B)		◆	◆				O
<input type="checkbox"/> Red-winged Blackbird	B	◆	●	●	●	W R L U	O E D M
<input type="checkbox"/> Yellow-headed Blackbird	b	◆	◆		W	L U	O
<input type="checkbox"/> Rusty Blackbird	B		●	●	●	W L	O D M C
<input type="checkbox"/> Brewer's Blackbird	B	●	●	●	W	L U	O D
<input type="checkbox"/> Common Grackle		◆	●		W	U	O
<input type="checkbox"/> Brown-headed Cowbird	B	●	●		W L U	O E D M	

Finches, Siskins, and Crossbills

✓ Species	W	P	S	F	General Habitat			
<input type="checkbox"/> Gray-crowned Rosy-finch	B	◆	●	●		U K O		A
<input type="checkbox"/> Pine Grosbeak	B	●	●	●	●	U	E	M C A
<input type="checkbox"/> Purple Finch	B	◆	●	●	W	U	E	M C
<input type="checkbox"/> House Finch		◆	◆			U	O	M
<input type="checkbox"/> Red Crossbill	B	●	●	●	●	W		M C
<input type="checkbox"/> White-winged Crossbill	B	●	●	●	●	W L	E	M C
<input type="checkbox"/> Common Redpoll		●	●		●	L U	O E D M	A
<input type="checkbox"/> Hoary Redpoll		◆	◆	◆		U	O E D M	A
<input type="checkbox"/> Pine Siskin	B	●	●	●	●	W L U	O E D M C	
<input type="checkbox"/> Evening Grosbeak	B	●	●	●	●	W U	O E D M C	

Old World Sparrows

✓ Species	W	P	S	F	General Habitat	
<input type="checkbox"/> House Sparrow	B	●	●	●	●	U O

Hypothetical Species List

This list includes species which may occur in the Williston and/or Dinosaur Reservoir watersheds but whose presence has not been documented.

Yellow-billed Loon

Gyrfalcon

Sanderling

Franklin's Gull

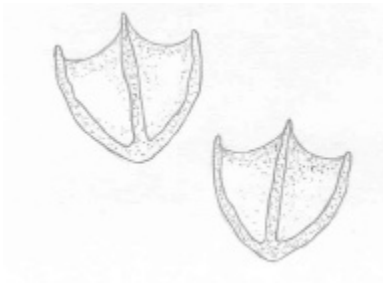
Sabine's Gull

Caspian Tern

Anna's Hummingbird

White-breasted Nuthatch

Le Conte's Sparrow



Gull Tracks

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Revisions and additions to this checklist are
welcome. Please contact:

**Peace/Williston Fish and Wildlife
Compensation Program**

1011 Fourth Avenue, 3rd Floor
Prince George, BC V2L 3H9

Telephone (Fish) 250-565-6413

Telephone (Wildlife) 250-565-4191

Facsimile 250-565-6629

<http://eww.bchydro.bc.ca/environment/pwcp>

SPECIES STATUS

- (R) red-listed
- (B) blue-listed
- (I) introduced

FISH CODES

Relative Abundance

- ◆ rare or isolated
- ▷ uncommon
- common
- O occasional presence
- Y year-round presence

Habitat

- RIV rivers
- LAK lakes
- RES reservoirs

WILDLIFE CODES

Seasons

- W winter 15 Dec - 15 Mar
- P spring 15 Mar - 15 Jun
- S summer 15 Jun - 15 Sep
- F fall 15 Sep - 15 Dec

Relative Abundance

- ◆ rare or isolated
- ▷ uncommon
- common

Habitat

- W wetlands and riparian
- R rivers and shoreline
- L lakes and shoreline
- U urban
- K rock
- O open
- E edge
- D deciduous
- M mixed wood
- C coniferous
- A alpine

Bird Breeding Status

- B breeds locally
- b may breed locally



Peace/Williston

FISH & WILDLIFE COMPENSATION PROGRAM



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Lands and Parks

THE POWER IS YOURS
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