



# Screening Questionnaire

## Wildlife Management and Monitoring Plan

June 2019

## Purpose

This screening questionnaire is a tool to be used by the developer to determine the potential impacts of their developments on wildlife and wildlife habitat to inform decisions about mitigations. It is intended to provide the GNWT with basic information about the location, timing, scale and nature of a development in order to assess whether any one of section 95(1) (a-d) of the *Wildlife Act* would apply and a WMMP required for the project.

This questionnaire should be filled out by the developer once they have determined the development is not exempt from the requirement for a WMMP ([Section 3.1.4 of the WMMP Process and Content Guidelines](#)).

## Resources

The following information sources can be used to help answer the questions in the questionnaire:

- NWT Species at Risk website and booklet ([www.nwt-species-at-risk.ca/content/documents](http://www.nwt-species-at-risk.ca/content/documents))
- Recovery strategies, management plans, status reports, manuscript reports, file reports ([www.enr.gov.nt.ca/en/resources](http://www.enr.gov.nt.ca/en/resources))
- NWT Species and Habitat Viewer (under construction)
- Important Wildlife Areas in the NWT (Wilson & Haas 2012) ([www.enr.gov.nt.ca/sites/enr/files/221\\_public\\_no\\_appendix\\_c.pdf](http://www.enr.gov.nt.ca/sites/enr/files/221_public_no_appendix_c.pdf))
- Data requests to ENR's Wildlife Management Information System ([www.enr.gov.nt.ca/en/services/research-and-data/wildlife-management-information-system](http://www.enr.gov.nt.ca/en/services/research-and-data/wildlife-management-information-system))
- NWT Discovery Portal ([nwt-discovery-portal.enr.gov.nt.ca:8080/geoportal/catalog/main/home.page](http://nwt-discovery-portal.enr.gov.nt.ca:8080/geoportal/catalog/main/home.page))
- Critical Breeding Periods for Raptor Species of the Northwest Territories ([www.enr.gov.nt.ca/sites/enr/files/raptor\\_species\\_breeding\\_periods.pdf](http://www.enr.gov.nt.ca/sites/enr/files/raptor_species_breeding_periods.pdf))
- Land use plans and supporting documentation
- Ecological assessments for existing or proposed protected areas
- Engagement with communities, renewable resources boards, renewable resource councils, hunter and trapper committees and Indigenous governments and organizations



## WILDLIFE MANAGEMENT AND MONITORING PLAN SCREENING QUESTIONNAIRE

### Developer Information (Person or Registered Company)

Full Name:

Company:

Job Title:

Address:

Email Address:

Telephone Number:

Fax Number:

### Project Type

Please "✓" all that apply.

- |  |  |
|--|--|
| <input type="checkbox"/> Mineral exploration                             | <input type="checkbox"/> Upgrading of seasonal roads to all-season roads |
| <input type="checkbox"/> Oil and gas exploration and development         | <input type="checkbox"/> Timber harvesting                               |
| <input type="checkbox"/> Pipelines and gathering systems                 | <input type="checkbox"/> Power generation and transmission               |
| <input type="checkbox"/> Mining and milling developments                 | <input type="checkbox"/> Other (please describe):                        |
| <input type="checkbox"/> New access for both all-season and winter roads |  |

### Location

Provide the project location as **EITHER**: 1) geospatial files (GIS data) submitted with this screening document **OR** 2) a printed map AND coordinates for the four corners of a box that encompasses all components of the project. Please specify the coordinates in decimal degrees. If in UTM, please specify the datum and zone.

NW

NE

SW

SE

### Dates

Start Date:

End Date:

Period of operations within a given year (check all that apply):

- Spring (March-May)    Summer (June-Aug)    Fall (Sep-Nov)    Winter (Dec-Feb)    Year Round

If a project is seasonal, provide the specific dates within each season where activities will take place.

## Which ranges of big game species does the project location overlap with?

Please "✓" all that apply. For Bison and Caribou, please indicate which sub-species, ecotypes, and populations/herds apply (e.g. Barren-ground Caribou – Bathurst Herd, Wood Bison – Mackenzie Population)

Species	Comments
<input type="checkbox"/> Bison	
<input type="checkbox"/> Coyote	
<input type="checkbox"/> Wolf	
<input type="checkbox"/> Cougars	
<input type="checkbox"/> Wolverine	
<input type="checkbox"/> Mountain Goat	
<input type="checkbox"/> Dall's Sheep	
<input type="checkbox"/> Black Bear	
<input type="checkbox"/> Grizzly Bear	
<input type="checkbox"/> Polar Bear	
<input type="checkbox"/> Moose	
<input type="checkbox"/> Caribou	
<input type="checkbox"/> Muskox	
<input type="checkbox"/> White-tailed Deer	

## Which ranges of species at risk does your project overlap with?

Please "✓" all that apply. Based on the NWT *Species at Risk* booklet and website, list the territorially managed species at risk your project overlaps with.

Mammals	Insects
<input type="checkbox"/> Barren-ground Caribou <input type="checkbox"/> Boreal Caribou <input type="checkbox"/> Collared Pika <input type="checkbox"/> Dolphin and Union Caribou <input type="checkbox"/> Grizzly Bear <input type="checkbox"/> Little Brown Myotis <input type="checkbox"/> Northern Mountain Caribou <input type="checkbox"/> Northern Myotis <input type="checkbox"/> Peary Caribou <input type="checkbox"/> Polar Bear <input type="checkbox"/> Wolverine <input type="checkbox"/> Wood Bison <input type="checkbox"/> Other (specify): <input type="checkbox"/> Other (specify):	<input type="checkbox"/> Gypsy Cuckoo Bumble Bee <input type="checkbox"/> Transverse Lady Beetle <input type="checkbox"/> Western Bumble Bee <input type="checkbox"/> Yellow-banded Bumble Bee <input type="checkbox"/> Other (specify): <input type="checkbox"/> Other (specify):
	Amphibians
	<input type="checkbox"/> Northern Leopard Frog <input type="checkbox"/> Western Toad <input type="checkbox"/> Other (specify): <input type="checkbox"/> Other (specify):
	Plants
	<input type="checkbox"/> Hairy Braya <input type="checkbox"/> Mackenzie Hairgrass <input type="checkbox"/> Nahanni Aster <input type="checkbox"/> Other (specify): <input type="checkbox"/> Other (specify):
Birds	
<input type="checkbox"/> Peregrine Falcon (anatum/tundrius complex) <input type="checkbox"/> Rusty Blackbird <input type="checkbox"/> Short-eared Owl <input type="checkbox"/> Other (specify): <input type="checkbox"/> Other (specify):	

**Does your project overlap with or is it in proximity (<2 km) to:**

<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	An important wildlife area (as identified in Wilson and Haas 2012)?	List the areas that apply:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	An area identified as critical habitat for a federally-listed species at risk?	List the species that apply:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	An area identified as designated habitat for a territorially-listed species at risk?	List the species and habitats that apply:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	A known or suspected winter or maternal den site for big game or prescribed wildlife?	Please provide details:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	A calving or lambing area for big game?	Please list the species that apply:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	A known or suspected bird nesting site (only applies to territorially managed birds that meet the definition of prescribed wildlife as outlined in the WMMP guidelines)?	Please list the species:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	A known or suspected hibernaculum or overwintering site for a prescribed species (e.g. bat hibernaculum, amphibian/reptile hibernaculum or overwintering site)?	Please list all that apply:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	A known priority water crossing or land bridge for barren-ground caribou?	Please describe:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	A known key harvesting area for local communities?	Please describe:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Another important habitat feature not listed above?	Please describe:

### A) Activities that may result in significant disturbance to big game or other prescribed species

Disturbance type	Frequency of disturbance events (# of events per unit time)	Duration of each disturbance event	Total duration over which disturbance events will occur	Timing	Extent of area within which disturbance events will occur
Use the following categories to describe each of the applicable activities for the project	<ul style="list-style-type: none"> <li>• Continuous</li> <li>• &gt;1/hour</li> <li>• &gt;1/day</li> <li>• &gt;1/week</li> <li>• &gt;1/month</li> <li>• &gt;1/year</li> </ul>	<ul style="list-style-type: none"> <li>• &lt;1 min</li> <li>• &gt;1 min</li> <li>• &gt;10 min</li> <li>• &gt;1 hour</li> <li>• &gt;6 hours</li> <li>• &gt;12 hours</li> <li>• Continuous</li> </ul>	<ul style="list-style-type: none"> <li>• &lt;1 day</li> <li>• 1 day to 1 week</li> <li>• 1 week to 1 month</li> <li>• 1 to 3 months</li> <li>• 3 to 6 months</li> <li>• 6 to 12 months</li> <li>• &gt;12 months</li> </ul>	<ul style="list-style-type: none"> <li>• Spring</li> <li>• Summer</li> <li>• Fall</li> <li>• Winter</li> <li>• Year Round</li> </ul>	<ul style="list-style-type: none"> <li>• &lt;1 ha</li> <li>• 1 to 10 ha</li> <li>• 10 to 25 ha</li> <li>• 25 to 50 ha</li> <li>• 50 to 100 ha</li> <li>• 100 to 500 ha</li> <li>• 500 to 1,000 ha</li> <li>• &gt;1,000 ha</li> </ul>
Vegetation clearing using machinery					
Excavation					
Blasting					
Crushing					
Drilling					
Seismic testing					
Operation of heavy vehicles or machines (≥ 5 tonnes)					
Vehicle traffic on roads					
Low-level aircraft flights (<1,000 Ft altitude)					
Other (please describe):					

## B) Activities that may substantially alter, damage or destroy habitat

Disturbance type	Linear Features		Total Area affected (m <sup>2</sup> ) (for linear features use average width X total length)
	Average width (m)	Total Length (m)	
Vegetation clearing (including timber harvesting)			
Stripping of soils or removal of overburden			
Excavation (including mining and quarrying)			
Terrestrial seismic exploration			
Access roads, trails, cleared right of ways			
Drainage of water bodies or wetlands			
Flooding of terrestrial habitat			
Trenching			
Above ground structures (pipelines, utility lines, fences, buildings)			
Other (please describe):			
Other (please describe):			
Combined total footprint for all activities undertaken			



### C) Activities that may pose a threat of serious harm to wildlife or habitat

Activity type	Examples	Description
		(provide a description according to the examples provided below)
Vehicle traffic (collision risk)	Number and type of vehicles used, daily traffic levels	
Structures or physical habitat alteration that might cause entrapment, entanglement, electrocution or collisions with wildlife	E.g. fences, open pits, open trenches, netting, tailings ponds, tall structures and overhead wires	
On-site storage of wildlife attractants (e.g. food, food wastes, chemicals, petroleum products)	List the types of wildlife attractants to be stored onsite	
Potential for release of contaminants or accidental spills of toxic substances	E.g. fuel/chemical transportation and storage, tailings ponds, particulate emissions from dust, emissions from incineration or flaring, risk of spills or well blow-out	
Trigger a natural disturbance event such as fire, lands slide, avalanche, altered hydrology, thin ice or open water in winter	What activities might incur a risk of triggering one of the listed disturbance events?	
Risk of accidental damage or destruction of a nest, den, beaver dam or lodge, muskrat push-up or hibernaculum	E.g. vegetation clearing during summer, ice road construction during winter, operating machinery or blasting, flooding/ draining habitat	
Creation of new access into roadless area	Creation of new trails, access roads, or cleared right of ways, upgrading existing access to all-season road	
Creating an ecological trap	Creating habitat conditions that would attract wildlife to an area where they would be exposed to a higher risk of mortality than under normal circumstances	
Other (please describe):		

### D) Activities that may significantly contribute to cumulative impacts on a large number of big game or other prescribed wildlife, or on habitat

If the answer to any of these three questions is "Yes", and the project is deemed likely to satisfy the criteria for section 95(1)(a-c), then a further assessment will be conducted by GNWT to determine if the contribution to cumulative impacts might be significant.

<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Does the project occur within the range of a wildlife species that is currently closed to resident, commercial or Indigenous harvest (e.g. barren-ground caribou herds)?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Does the project occur within the range of Boreal Woodland caribou or on the annual range of the Bathurst herd of Barren-ground caribou?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Does the project involve creating new all-season access ( <b>any length</b> ) or seasonal access >50 km in length into an area without current road access, or upgrading >25 km of existing seasonal access to an all-season road?

