

Wildlife Risk Matrix

Level 1:	Maintain during all field activities (goal: prevention and avoidance of wildlife encounters) <ul style="list-style-type: none"> Control food and food wastes Control garbage: waste management plan Communicate wildlife in area to workers Report observation of any wildlife Follow appropriate safe work practices Wildlife management plan Train workers in wildlife awareness Supply workers with pepper spray
Level 2:	Activate upon sighting of carnivore (bear, wolf, cougar, coyote) or large ungulate (deer, elk, caribou, moose, bison) <ul style="list-style-type: none"> Continue with Level 1 Report to authorities, as required for jurisdiction Assess situation (supervisor) Assign monitor if necessary (especially for bears) Mandate working loudly and in close groups of 4+ Restrict access to where wildlife was sighted Pepper spray at hand and ready to use
Level 3:	Activate upon sighting of carnivore (bear, wolf, cougar, coyote) or large ungulate (deer, elk, caribou, moose, bison) <ul style="list-style-type: none"> Continue with Level 2 Temporary stop work to inform all personnel Retreat to safe observation area (vehicle, building, etc.) Continue observation of wildlife until it has left the area Resume work if/when deemed safe Wildlife monitors accompany crews in hazardous areas Deterrence by authorized individuals ONLY
Level 4:	Implement if wildlife is considered a potential or real threat to personnel <ul style="list-style-type: none"> Continue with Level 3 Stop all work Evacuate site Notify authorities of sighting or encounter If encounter results in injury, obtain first aid/medical treatment Deterrence by authorized individuals ONLY

Working in a close group-4+	Working in a close group-4+	Working alone	Working alone
Natural food	Natural food	Human foods/garbage	Human foods/garbage
No young	No young	No young	Breeding/with young
Daytime	Dusk or dawn	Dusk or dawn	Dusk or dawn
Near site OR 300m + away	On site OR 150 m away	On site OR <100 m away	On site OR <50 m away
Occasional sighting	Occasional sighting	Frequent sighting	Frequent sighting
A	B	C	D

LIKELIHOOD: As Per Wildlife Aggression Level	Relaxed body language	Wary	1	LOW RISK Level 1 Response	LOW RISK Level 1 Response	MED RISK Level 2 Response	SIGNIFICANT RISK Level 3 Response
	No sounds/vocalizations						
	On its way out of the area						
	Relaxed body language	Habituated	2	LOW RISK Level 1 Response	MED RISK Level 2 Response	SIGNIFICANT RISK Level 3 Response	HIGH RISK Level 4 Response
	No sounds/vocalizations						
	Ignores, makes no move to leave						
	Anxious body language (stress signs)	Defensive and Stressed	3	MED RISK Level 2 Response	SIGNIFICANT RISK Level 3 Response	SIGNIFICANT RISK Level 3 Response	HIGH RISK Level 4 Response
	Some stress sounds						
	Stands its ground/bluff charge						
	Anxious body language (stress signs)	Defensive or Predatory	4	HIGH RISK Level 4 Response	HIGH RISK Level 4 Response	HIGH RISK Level 4 Response	HIGH RISK Level 4 Response
	Aggressive sounds/vocalizations						
	Defensive attack OR stalks prey						