

UNIVERSITY OF CALGARY | VP SERVICES | Environment, Health and Safety

Field Safety Unplanned Wildlife Encounter Risk Matrix

EHSMS Element: Field Safety

Document Number: EHSMS-ST-0001-GU-09

Document Custodian: Environment, Health and Safety

Change Control		
Version	Description	Effective Date
1	Document published	2022.09.06

Table of Contents

TABLE OF CONTENTS.....	1
1. UNPLANNED WILDLIFE ENCOUNTER RISK MATRIX.....	2

1. UNPLANNED WILDLIFE ENCOUNTER RISK MATRIX

		SEVERITY: Based on conditions present at the worksite					
		Number of workers present	Close Group of 4+		Working Alone or Distant from Group		
		Time of day	Daytime		Dusk/Dawn		
		Young present	No Young		Breeding or Young Present Rutting Season		
		Foods	Natural Foods		Human Foods/Garbage		
		Sightings	Occasional		Frequent		
		Proximity	Near site 300+ metres away	On site 150-300 metres away	On site 100 to 150 meters away	On site or less than 100 metres away	
		Severity	A	B	C	D	
LIKELIHOOD: Based on Wildlife Behaviour	Relaxed body language	WARY	1	LOW RISK	LOW RISK	MEDIUM RISK	SIGNIFICANT RISK
	No sounds /vocalizations						
	Leaving area						
	Relaxed body language	HABITUATED	2	LOW RISK	MEDIUM RISK	SIGNIFICANT RISK	HIGH RISK
	No sounds/vocalizations						
	Ignores people-does not leave						
	Signs of stress	DEFENSIVE OR STRESSED	3	MEDIUM RISK	SIGNIFICANT RISK	HIGH RISK	HIGH RISK
	Sounds and vocalization						
	Stands ground/bluff charges						
	Signs of stress	DEFENSIVE OR PREDATORY	4	HIGH RISK	HIGH RISK	HIGH RISK	HIGH RISK
	Aggressive sounds/vocalization						
	Defensive attack or stalking behaviour						

Worker Response Based on Risk Level	
LOW RISK RESPONSE	<ul style="list-style-type: none"> • control food/waste • make noise- talking, singing, whistling • report wildlife observation to supervisor • keep bear spray near by and easily accessible
MEDIUM RISK RESPONSE	<ul style="list-style-type: none"> • control food/waste • make noise- talking, singing, whistling • supervisor to assess situation • assign a monitor • keep bear spray on hand and ready to use
SIGNIFICANT RISK RESPONSE	<ul style="list-style-type: none"> • stop work-inform all workers • retreat to a safe area - secure building or vehicle • observe until animal has left area - continue to monitor • supervisor to assess situation and advise when to return to work • assign a monitor upon continuation of work • keep deterrent on hand and ready to use
HIGH RISK RESPONSE	<ul style="list-style-type: none"> • stop work- EVACUATE • retreat to a safe area - secure building or vehicle • report sighting / encounter to appropriate authorities • if encounter has resulted in injury obtain first aid/medical aid

For more information contact:

Environment, Health and Safety
 E-mail | ucsafety@ucalgary.ca
 URL | www.ucalgary.ca/safety
 University of Calgary
 2500 University Drive NW
 Calgary, AB, T2N 1N4