

WILDLIFE ATTRACTANT MANAGEMENT PLAN

LNPG PROJECT

INTRODUCTION

This Wildlife Attraction Management Plan sets out procedures and practices that are to be adhered to by personnel working on, or in support of, exploration activities. The plan will be presented to all personnel during initial site orientation meetings.

Every reasonable attempt should be made to discourage contact between animals and humans. Animals will only be dispatched as a last resort. Absolutely no hunting is allowed by any personnel while working or living at the job site.

Helicopter pilots will be alerted to watch for animals near camp and work sites and they will warn personnel immediately if animals are seen.

The following websites were used in the creation of this document:

- Wildlife Safety and Emergencies – Safety in Bear County:
<https://www.enr.gov.nt.ca/en/services/wildlife-safety-and-emergencies/safety-bear-country>
- Proponents Guide: Assessing and Mitigating the Risk of Human-Bear Encounters (Yukon Government, 2012).

TRAINING

All staff employed in remote areas will be trained and retrained yearly in bear awareness by the safety coordinator. Training includes animal recognition, procedures to minimize the risk of animal encounters, appropriate behavior during an animal encounter, first aid and health concerns specific to contact with wild animals, their remains or excrement. Full time staff will have received firearm training and will ensure that all workers have a working knowledge of firearm safety and use and know where the camp firearm is stored in case of a hostile wild animal encounter.

All staff are required to watch and read the following items as part of their bear awareness training:

Staying Safe in Bear Country (Safety in Bear Country Society, 2008)

Working in bear country (Safety in Bear Country Society, 2004)

Copies of these documents will also provided to personnel, pilots and contractors.

PERSONAL PROTECTIVE EQUIPMENT

All field staff will carry the following items when working in remote areas:
Bear spray, Bear bangers and Radios.

At least one firearm will be present on each camp for use by trained personnel.

CAMP LOCATION AND DESIGN

A seasonal camp will mostly consist of tent frames but a few rough frame structures (i.e. a generator shack, core logging structure and outhouses) may also be built.

- The camp will consist of wall tents, some or all with wooden frames and/or floors. Where possible, sleeping tents will be arranged in a well spaced line with the kitchen tent located 50 m downwind from the nearest sleeping tent.
- A wooden outhouse located at least 50 m downwind from the nearest sleeping tent.
- Possibly a 2 m by 2 m, wooden shed for an electrical generator.

FENCING

The grey-water sump for kitchen wash water and forced air incinerator area will be surrounded by an electrified fence. Fencing will be inspected and maintained daily by the camp manager.

CAMP MAINTENANCE

The camp manger will ensure that garbage is secured stored daily. All staff will pick-up garbage and maintain a clean camp. Staff members will keep their own personal and work areas clean and free of garbage.

CAMP SEASONAL AND FINAL SHUTDOWN

At the end of the working season or for final decommissioning, camp sites will be cleaned up to a standard meeting or exceeding local regulations for camp clean up. All camp equipment (tents, stoves, poles etc.) will be removed or securely cached at the end of each exploration season. If not burned, tent frames will be laid down on the floors. All metallic debris including wiring will be removed from camp sites and garbage will be disposed of according to local regulations,

whether that is by backhaul out of the bush, or by proper burial to a depth and in such a manner as to prevent it from being exposed by animals, erosion or other natural agencies.

All sumps and outhouse holes will be backfilled, sprinkled with calcium hydroxide (lime), backfilled and covered with original vegetative mat. Tent platforms will remain at the end of the year but will be removed before the land use permit expires.

FOOD STORAGE AND COOKING

All perishable food will be kept inside or adjacent to the kitchen tent in fridges, freezers, coolers and metal food storage lockers.

Lunches for field crews are stored in airtight packaging and all garbage will be brought back at the end of the working day.

The kitchen tents are well ventilated and will be kept clean at all times. Dishes will be cleaned at the end of every meal.

WASTE DISPOSAL

All liquid kitchen waste will be deposited in a sump at least 100 m from any waterway. All solid kitchen waste will be stored in an animal proof container and will be securely stored and removed from site. Non-flammable residue will be compacted and flown out for disposal at the municipal dump. Liquid waste will be piped into a covered sump which will be backfilled at the end of each exploration season. Air horns and bear spray will be at hand as further bear deterrents. Human waste will be handled with privies dug at least 100 m from any waterway.

No solid waste will be buried on this property.

FUEL STORAGE

A lined containment area will be the main fuel storage site. If fuel is stored on site over the winter it will be placed in the lined containment area and covered. Fuel absorbent fabric will be placed on the ground beneath pumps and fuel drums, at water supply sources. Both pumps and fuel drums will be checked daily for fuel or oil leaks and, should any occur, they will be repaired immediately to reduce the risk of bear attraction to fumes. Spill kits, with booms and absorbent materials, will be on-site for immediate use, if required.

Small containers of anti-freeze, oil and other chemical attractants to bears will be stored in a closed steel container or a locked wooden shed.

DETERRENCE

Camp/core logging areas

These areas are the most likely places for animals to appear. Efforts must be made to avoid attracting animals, especially by scent, and to discourage them from lingering should they appear.

- Animals of all kinds are not to be fed under any circumstances.
- Kitchen areas will be kept clean and grease will not be allowed to accumulate on stoves or grills
- Shipping and storage containers such as coolers, fridges and freezers will be regularly cleaned.
- Garbage will be stored in animal proof containers until it is removed from site.
- No garbage or non-flammable residue will be buried on site.
- Signs will be posted at prominent locations in camp, which outline key elements of this Wildlife Attraction Management Plan.
- The grey-water sump for kitchen wash water will be surrounded by an electrified fence. The sump must not be allowed to overflow and will be backfilled when no longer needed.
- Lime or organic de-scenters will be regularly spread atop human waste in outhouses.
- Bear-deterrents (such as bear bangers, bear spray and airhorns) will be available at various sites in camp (including the kitchen, fire muster station and office) in case an animal is sighted and an alarm system will be in place to immediately notify personnel of any sighting.

- Food inside camp is prohibited outside of the kitchen.

The field supervisor will monitor compliance with these work procedures. The company will train its employees in work procedures and will monitor compliance.

Drilling/ trenching/ staging areas

Although use of these areas is normally short duration and activities can be quite noisy, certain precautions are still necessary to discourage animals.

- If petroleum-based products are opened, they will be quickly resealed, and empty containers will be removed from the site as soon as possible for appropriate disposal.
- No food will be stored at these sites and food waste will be removed at the end of each shift.
- Bear-deterrent devices will be kept on hand at all times and be ready for use.
- When sites are no longer in use, they will be inspected to ensure that no garbage is left behind.

Remote sites

This section pertains to personnel working at temporary locations outside the main activity hubs, such as soil samplers, geophysicists, line cutters, pad builders and geologists.

- When personnel are being dropped off by helicopter, they will check in the vicinity of their work area to ensure that no large animals (i.e. bears) are nearby before landing.
- Avoid taking fish sandwiches or other strongly scented food for lunch.
- Do not leave your backpack or personal items lying on the ground unattended.
- Bring all left-over food and garbage back to camp at the end of the day.
- Do not leave any petroleum-based products (i.e. grease, oil etc.) in the field overnight.
- Staff will carry bear-deterrent devices (i.e. bear bangers, bear spray) with them at all times when in the field.

WILDLIFE ENCOUNTER RESPONSE

Any and all wildlife sightings and encounters will be reported to the camp manager and entered into the project Wildlife Log.

Encounters in the field

- If a dangerous animal is encountered, the type of animal and its location will be reported to the camp manager immediately.

Encounters in camp

- If a dangerous animal (bear, cougar, elk, moose, etc.) is encountered in camp, everything should be done to avoid the lethal removal of said animal. Make noise, and use non-lethal deterrents (air horns, bear spray, rubber bullets, etc.)
- As a last resort, an employee trained in firearms safety may be advised to shoot the animal. Aim to kill with an appropriate weapon. An injured animal can be much more dangerous.
- Avoid shooting the animal directly in camp if at all possible, due to the proximity to other people. Ensure everyone is accounted for.
- Be wary of a bear that has entered any camp structures or discovered food in camp. The animal will most likely return.
- Leave the carcass of the animal intact. Report to the Conservation Office and follow their instructions. If the Conservation Office is unavailable, report to Fish and Wildlife (1-800-661-0408.) Also inform management at Archer, Cathro.

If an employee is attacked or bitten

- Alert first aid attendant immediately. Ensure the scene is safe. Do not endanger yourself. You may need to shoot the animal. Refer to the MEDICAL EMERGENCY RESPONSE PLAN and MEDICAL AIR EVACUATION PLAN as necessary.
- If an employee is bitten attempt to kill the animal without damaging the head to allow testing for rabies. Arrange rabies treatment/testing for the employee within 24 hours of being bitten.
- Report to the Conservation Office and follow their instructions. Also inform management at Archer, Cathro.

CONTRACT INFORMATION

Conservation Officer TIPP line for more information 1-800-661-0525

Conservation officers by area

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|-----------------|----------------------------------|
| Whitehorse | 1 867 667 8005 or 1 800 661 0408 |
| Dawson | 1 867 993 5492 |
| Faro | 1 867 994 2862 |
| Mayo | 1 867 996 2202 |
| Haines Junction | 1 867 634 2247 |
| Ross River | 1 867 969 2202 |