



Attractant Management Plan
for
Vic Project
2012

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1. Introduction

1.1 Purpose and Scope

The Attractant Management Plan (the Plan) provides guidelines and procedures to reduce and minimize human-bear conflicts while conducting mining activities at the Vic Project. The guidelines and procedures outlined in this Plan are preventive measures designed to eliminate, as much as possible, any attractants at the Vic Project camp and mining areas on the property. The Attractant Management Plan has been developed based on mitigation measures and best practices recommended in Yukon Environment's *Guidelines for Industrial Activity in Bear Country (2008)*.

2. Camp Location and Layout

The Vic Project is located approximately 65km west of Carmacks and 180km northwest of Whitehorse in the Yukon Territory [latitude: 62° 07' N, longitude: 137° 08' W, within the Mount Nansen range, the property lies approximately 15km north of the former operating BYG Natural Resources mine and facility. The property is easily accessible from Carmacks by an all weather gravel road maintained up to the mine site by the Government of Yukon Highways and Public Works Department and within the property a network of roads and trails provides access to all of the workings and showings on the claims. The Klondike Highway connects Whitehorse to Carmacks and other points north and east.

Aurchem will operate a small 50t/day flotation mill on its Vic property. The project activities include ore obtained from an open vein, processing ore, camp construction for up to 10 people, use of up to 500 m³/day of water for milling purposes, use and upgrades on existing roads, and storage of water in settling ponds. The estimated mine life is approximately 5 years, but could be extended should ore grades warrant.

The Vic Project camp is seasonal and temporary. The camp consists of 3 RV units for up to 10 people. A pit privy is used to manage sewage and water for camp is obtained from Klaza Creek near the camp. Cooking is conducted inside RV units, and there is no common kitchen area. All food is kept inside RV units.

All fuel is stored in a bermed/lined area at least 30m from the nearest water source. Wobble pumps or small electric pumps will be used for re-fuelling. Spill kits are located at each fuelling station and all personnel are aware of and knowledgeable about the spill response plan.

Kitchen wastes, putrescibles and other combustibles will be burned in empty metal drums. Non-combustibles are transported off-site to the Carmacks Landfill. Waste petroleum products are stored in specifically marked 205L drums until disposed by Yukon Environment's special waste program to an approved regulatory disposal site.

Human-wildlife interactions are minimized based on the following camp design and layout criteria:

- Camp area is cleared of brush for improved visibility;
- Linear alignment of RV's and camp facilities rather than a circle;
- All RV's evenly spaced and distributed;
- Portable electrical fence will be installed around RV staging area.

3. Wildlife Attractants

Sources of wildlife attractants range from food and kitchen garbage to waste and petroleum products. Inadequate storage and disposal of such sources can attract unwanted attention from nearby bears and wildlife animals, jeopardizing the health and safety of all personnel staff working in and around the camp and exploration areas.

This section outlines policies and procedure taken to eliminate attractants through proper handling and storage of food, garbage/waste and petroleum products.

3.1 Food

Aurchem is committed to responsible handling of food and garbage. Proper handling and disposal of food and garbage wastes are keys to eliminating bear problems as 70% of all reported human-bear conflicts are due to garbage odor attraction.

Food kept at camp includes canned non-perishable goods, frozen food, dry goods and perishables. Food is kept indoor in the RV's in locked fridges/freezers and/or bear-proof containers. The RV's will be tightly secured and impenetrable by wildlife animals.

All camp facilities will be kept clean at all times. Leftover food at the end of each meal is incinerated, eliminating any odor buildup. If food is taken out into the field, all field crews are required to pack food and drinks in airtight containers and ensure garbage is packed and brought back to camp for disposal in the incinerator.

Feeding of bears or other wildlife is prohibited and strictly enforced.

3.2 Waste

Wastes to be incinerated include kitchen waste, putrescible and other general garbage, which are incinerated daily to avoid accumulation and odor buildup. Due to the small camp size, food and kitchen waste is burned in drums located in the fenced camp area. The entire camp area will be fenced with an electric fence to prevent wildlife from entering the area. Daily checks will be made to ensure the fence is working properly and that no wildlife has entered the area.

All cans and other recyclables are kept in the bear proof garbage bins separate from the main lodging and kitchen area. Recyclables are stored away and transported to nearby landfill facility.

3.3 Petroleum Products

Total permitted fuel storage at the Vic Project camp is included in our Class 3 Mining Land Use Approval. Breakdown of fuel type and amount is summarized in Table 1.

Table 1: Fuel Storage

Type of Fuel	Fuel Storage Tank	Quantity (litres)	Registration Number	Distance to Waterbody
Gasoline	205L	1000 gal	NA	> 30 metres
Diesel	205 L tanks	1000 gal	NA	> 30 metres

All tanks are placed in orderly rows, spaced apart and inspected regularly for leaks and spills.

4. Camp Maintenance

A staff member at camp will be responsible for ensuring food and wastes are managed according to the guidelines outlined in the previous section. Proper garbage management includes the maintenance and operation of burn barrels to ensure that all food and other combustible waste are incinerated daily to prevent waste and odor build-up. A clean camp and timely incinerating of waste ensures that any wildlife attractant at camp are eliminated.

The Vic Project camp operates seasonally and will be temporarily shut-down during the winter months. Therefore, all food, garbage and waste will be handled, stored and disposed of on a seasonal basis. Temporary closure measures will come into effect once the camp is in temporary shutdown mode. These measures include:

- Removing all garbage and recycling containers from site;
- Removing all temporary residences and office/kitchen quarters;
- All litter/waste will be removed from site and site will be left clean;
- All food will be hauled off site.

5. Training and Safety Equipment

Bear Awareness Safety Training will be provided to all of its employees and contractors working at the Vic Property. Training will be provided to all personnel after arriving at camp, and a copy of bear safety information and material will be kept in a binder at camp. Camp and field personnel will be familiar with preventative measures and dealing with close range bear-human encounters.

A variety of bear deterrent devices and equipment are also available at camp, including: air horns, bear bangers, rubber bullets and bear sprays. All field employees and contractors will be paired during the fieldwork, and will be required to carry bear spray with them at all times, as well as a functioning radio. Bear bangers and air horns will be utilized to discourage bear activity in areas where exploration work is planned.