

**GGL RESOURCES CORP.**

**CH Project**

**SOUTH MACKENZIE DISTRICT, NWT**

(NTS SHEETS: 76D02, 76D03, 76D05, 76D06, 76D07, 76D11, 76D12, 86A07,  
86A08, 86A09, 86A10, 86A15, 86A16, 86H02)

**Wildlife, Archaeological & Environmental Awareness Plan**

Effective February 24, 2015

### General

GGL Resources Corp. requires all employees and contractors to read and adhere to the following:

1. Comply with the Terms and Conditions of the relevant licences and permits issued by government agencies that allow our work to be completed, and all applicable environmental legislation and regulations.
2. The Project Manager is responsible for reviewing all relevant Terms and Conditions and ensuring ongoing compliance.
3. Everyone on site should be familiar with the relevant Terms and Conditions.
4. A copy of this document should be on display in the common areas of the camp, and copies made available to anyone in camp upon request.
5. Training and Educational material should be provided where necessary.
6. All significant environmental risks should be identified and strategies adopted to manage them using industry best practices.
7. Where possible, environmentally friendly options, agents, actions or products should be utilized.
8. Absolutely no garbage is to be left in the field at any time. All garbage and cigarette butts should be collected in the field and disposed of properly in camp. Please do not litter. Take only pictures. Leave only footprints.
9. All garbage will be returned to Yellowknife for further sorting into recyclables and non-recyclables and/or disposed of at approved sites.
10. Garbage receptacles are provided in camp for your use. All cigarette butts should be placed in the appropriate container and not thrown on the ground. Do not litter.
11. For additional information please see the Project Manager for a copy of GGL's Zip Camp Waste Management Plan under Land Use Permit W2008C0001.

### Wildlife Interaction

1. Approaching and/or feeding wildlife is strictly prohibited.
2. Harassing wildlife is strictly prohibited. Harassment includes flying low to take photos.

3. Wildlife observations are to be logged on the sheet template provided in the AGL Safety Manual.
4. Firearms may only be carried for safety reasons.
5. All firearms in camp must be:
  - a. Appropriately licenced.
  - b. Accompanied by appropriate ownership documents.
  - c. Reported to the Crew Chief or Project Manager if there is a discharge for any reason.
6. Hunting is strictly forbidden to ALL employees, contractors, clients and other visitors while conducting business on behalf of GGL Resources Corp. with no exceptions.
7. Any crucial nesting, denning, migratory or river crossing habitat must be avoided by low-flying aircraft. If a den or nesting colony is encountered, the location should be reported to the relevant authorities. The area must subsequently be avoided.
8. Activities in proximity to the following den, river crossing or nesting habitats must adhere to the appropriate buffer distances:
  - a. Peregrine Falcon & Short-Eared Owl = 1.5 km
  - b. Wolf = 800 m buffer (May 1 to July 15)
  - c. Wolverine = 800 m buffer (Feb. 1 to July 15)
  - d. Barrens Grizzly = 1 km (Sept. 30 to March 30)
  - e. Caribou = 10 km from documented river crossings (May 1 to August 30)
9. Eggs and nests are not to be disturbed by field activities. Nest locations are to be recorded and reported to the relevant authorities.
10. Helicopters must not land in any area where wildlife is present except in documented emergency situations.
11. All food and waste should be properly handled and stored at GGL's Zip Camp (Land Use Permit W2008C0001) and while in the field to prevent wildlife attraction. Poor food storage and waste disposal are the leading cause of human/wildlife interaction.

12. Waste containers and the kitchen area at GGL's Zip Camp (Land Use Permit W2008C0001) are to be kept clean and sanitary.
13. At GGL's Zip Camp (Land Use Permit W2008C0001) Grey water should be treated with bleach on a regular basis. Any covered grey water sumps should be treated with lye or lime to eliminate odours.
14. Nuisance wildlife is to be reported to the GNWT wildlife biologist.
15. All activities must cease when caribou are present within 500 meters and may resume once they have moved on.
16. Please take the time to read the "Safety in Grizzly & Black Bear Country" brochure which is available from the Project Manager and watch the two bear safety videos, "Staying Safe in Bear Country" and "Working in Bear Country".

#### Wildlife Emergency Contact Information

Wildlife Emergency	24 Hour GNWT	(867) 873-7181
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## Water Awareness

1. Work in and around water bodies is to be conducted in a manner that minimizes the impact on aquatic life and habitat.
2. Proper testing of ice thickness is mandatory prior to the movement of any heavy equipment. In cases where this activity is related to drilling, the contractor is responsible for making this determination.
  - a. 7 cm (3") or less = UNSAFE
  - b. 10 cm (4") = Walking, Cross-country skiing
  - c. 12 cm (6") = 1 Snow Machine
  - d. 20 to 30 cm (8"-12") = 1 Small Car or Pickup
  - e. 30 to 38 cm (12"-15") = 1 Medium Pickup or Van
3. No waste is to enter any water body at any time.
4. All sumps and fuel caches must be located at minimum 100 m (305 feet) from the Ordinary High-Water Mark of any water body unless approved by the appropriate regulatory authority.
5. Water intakes should be designed, equipped and operated in such a manner that prevents substrate disturbance or entrainment and fish mortality.
6. Equipment operating on ice or near water should be free of external fluid leaks, grease, oil and mud. All activities, especially maintenance and refueling, should be controlled in such a manner as to prevent entry into any water body of petroleum products, slash, debris or other deleterious substances.
7. Please refer to the Terms and Conditions of the Land Use Permit and Water Licence for further information.

## Archaeology

1. Absolutely no work is to occur in areas of known archaeological sites. The Project Manager is aware of these sites and will not request that you work in proximity to them.
2. If anyone discovers a possible archaeological site, they are to stop all activity in the area, record the site location and report the finding immediately. The guidelines below should be followed by the Project Manager and information provided to the Prince of Wales Northern Heritage Centre in Yellowknife.
3. The handling and/or removal of artifacts from any archaeological sites is strictly prohibited.

### *Discovery Guidelines*

What to do if an archaeological site is found or suspected during the course of your work:

1. DO NOT disturb or collect any of the artifacts. They are to be left in place as they were found.
2. DO take 2 or more representative photos of the site with an appropriate scale marker.
3. DO describe the nature and extent of the site and any artifacts noted.
4. DO take a GPS reading of the site's location and record the datum used.
5. DO mark the location of the site on a 1:50,000 scale topographic base map.
6. DO record the date of discovery.
7. DO NOT share this information with unauthorized personnel.

This information is to be sent to:

Territorial Archaeologist

Prince of Wales Northern Heritage Centre

Yellowknife, NT

Ph: (867) 873-7688

<http://www.pwhc.ca>