## Addendum for

# Back River Project Abandonment and Restoration Plan Goose Lake Camp

- Temporary Camps -

# SABINA GOLD & SILVER CORP. June 2010

#### **NOTES:**

The Hackett River and Back River Projects maintain an Abandonment and Restoration Plan that is reviewed on a regular basis to ensure best management, permit compliance and changing operational needs are reflected. The latest version submitted to the NWB for review was in December 2009 (for Back River Projects Goose Lake and George Lake camps) and includes restoration measures at the camps and at drill site locations.

The amendment to the water license to include the use of water and waste deposition associated with temporary camps is not a change tothe exploration program, personnel, materials and supplies. It is anticipated that the temporary camps will have similar types of fuel, chemicals and personnel as the Goose Lake camp. For this reason, Sabina will apply the actions and approach to progressive and final restoration in the current Goose Lake Camp A&R Plan to the temporary camp.

The following document summarizes the potential components of each temporary camp and the proposed final closure measures.

# **TEMPORARY CAMP FACILITIES**

The following list of camp facilities are a general model that could be used at each location with operational needs and environmental conditions determining the actual camp layout to be used.

The following Table provides a general list of camp structures and quantity of potential

contaminants in or adjacent to the structures.

Function	Tents	Potential	Quantity
		Contaminant	
Kitchen	1 large tent	Diesel (for stove)	Less than 200 litres
		Propane (for range)	Two 45 Kg tanks
Dry	1 large tent	Diesel (for stove)	Less than 200 litres
		Propane (for water	Two 45 Kg tanks
		heater)	
Tool shed/work	1 small	Diesel (for stove),	Less than 200 litres
shop	tent	Paints, Engine Oil,	
		Lubricants, etc	
Pacto shed	1 small	Organic waste	Up to 5 garbage bags full or
	tent		approximately 25 litres
Office (contains a	1 large tent	Diesel (for stove)	Less than 800 litres (in enviro
20 litre spill			tank)
response kit)			
Generator(contains	1 large tent	Diesel (for generator)	Less than 600 litres
a 205 litre spill			(in double walled enviro tank)
response kit)			
Helicopter supply	1 small	Diesel (for stove)	Less than 200 litres
shed	tent	Oil for helicopter	Less than 20 litres
Drill Supplies	Outside	Motor oil	Up to 4 cases
	storage in	Linseed Soap	Up to 4 tubs
	containers	Matek DD 2000	Up to 15 tubs
	as needed	Poly-Drill 1300	Up to 15 tubs
Sleeping Quarters	4 tents	Diesel (for stoves)	Less than 200 litres at each tent.

The fuel caches at each temporary camp may consist of up to:

Potential	Container	Maximum	Comments
Contaminant	Size	Quantity	
Diesel	205 litre drums	500	Stored in up to 5 caches, each within an arctic- grade impermeable secondary containment berm
Aviation fuel	205 litre drums	300	Stored in up to 2 caches, within an arctic-grade impermeable secondary containment berm
Gasoline	205 litre drums	5	Stored separately in an upright position separate from the other fuel caches within an arctic grade mini-berm.
Propane	45 Kg cylinders	1	Stored on a wooden deck and secured in an upright position.

#### FINAL ABANDONMENT AND RESTORATION PLAN

# **Temporary Camp**

All the reusable tents, frames, tarpaulins, and wooden structures will be dismantled and where possible will be recycled for use at another exploration site. Other combustible, non-recyclable building structures will be transported to the existing Goose Lake camp and incinerated onsite. Non-combustible structures or materials such as nails, screws, bent metal frames will be recovered, packed and transported out to an approved landfill, likely in Yellowknife or Alberta.

All reusable office, household, kitchen and recreational equipment will be packed and transported for use at other exploration camps. Some equipment, depending on what level of liability is accepted by Sabina may be donated to the local community or schools. That equipment which is not reusable will be recycled or disposed of at an approved disposal facility, appropriate to the type of material.

Water pumps, filtering systems, water lines and any other equipment associated with the water supply system will be disassembled, lines drained, packed and transported out for use at other exploration camps. Water lines that are not usable will be disposed off at an approved facility.

The Pactos will be dismantled and relocated to another exploration camp or transported to Yellowknife for disposal. All lines from showers, washing machines and sinks will be drained, disconnected, securely packed and transported off property to an approved landfill site. Sumps (if constructed) will be recontoured and allowed to naturally revegetate. Natural sumps (if used) will simply be allowed to revegetate.

All electrical wires will be removed from the buildings and any other installation on property. Extensions cords and other fittings will be reused at other camps. Used electrical wires will be packed and transported to Yellowknife for recycling. Unused bulbs and fluorescent tubes will be packed and relocated to other camps.

The generator shed and the surrounding area will be inspected for signs of spills and remaining wastes such as oil and grease. The area will be cleaned as necessary.

The generator will be drained of its fuel. Remaining waste fuel, oil and grease will be stored in approved storage containers, labelled and transported offsite. The generator will be dismantled and transported offsite to another exploration camp or to Yellowknife for sale.

Each 205-L fuel barrel attached to tents or buildings will be disconnected with the remaining fuel in the line allowed to burn out. The drums will be appropriately labelled and stored with other petroleum products. The secondary containment container will be closed, secured and stored ready for transportation offsite. The fuel burner will be dismantled and remaining fuel will be allowed to drain off into waste oil collecting system. All fuel lines will be drained, disconnected and packed for use in other camps or transported to an approved disposal facility. The area around each installation will be inspected for contamination and reclaimed as per the approved Spill Contingency Plan. All empty propane cylinders will be transported to Yellowknife for recycling.

#### **Petroleum Products and Storage Facilities**

The fuel storage area will consist of segregated groups of drums with empties stored separately from the full drums. An inventory of remaining fuel will be made and full drums inspected. WHMIS labels will be attached to the drums before transportation offsite. Remaining waste fuel will be labelled with WHMIS labels and transported to other camps for heating purposes or transported to Yellowknife for disposal in an approved facility.

All unused jet fuel will be relocated to other exploration camps for use in further exploration programs, or returned to Yellowknife. The areas around the drums will be inspected for contamination.

All Tidy tanks will be disconnected from any tents or buildings. All installations will be disconnected and drained. An inventory of the remaining fuel in each tank will be recorded. The tanks will be secured and transported to other camps or to Yellowknife for sale or disposal. The area around the tanks will be inspected for contamination.

Household cleaners will mainly be stored in the kitchen and dry. Upon camp closure, any unused products will either be transported to other camps or disposed of at an appropriate facility. Half-empty containers will be taken off site to be properly disposed in an approved discharge facility. Empty containers will either be recycled or disposed of with regular garbage.

## **Airstrip**

The area will be cleared of any debris and inspected for potential contamination due to refuelling of aircraft. If contamination is evident, then procedures outlined in the Spill Contingency Plan will be applied to reclaim the impacted area. At break up the icestrip will melt.

#### POST CLOSURE MONITORING

The area will be visually inspected once by Sabina in the subsequent year following the area's use and any further reclamation work will be built into progressive reclamation for the exploration program.