



September 8, 2016

Project Proposal Application No.: 124698 Committee Bay Project, North Country Gold Corp.

NIRB File No.: 07EN021

NPC File No.: 148337

Amendment to Permit to use the Commissioners' Land LUP-06-600-013

Spill Contingency Plan – Hamlet of Rankin Inlet Itivia Industrial site

North Country Gold Corp. (NCGC) requires an area within Rankin Inlet for the temporary storage and staging of materials to support exploration activities at the company's Committee Bay Project (CBP) – located approximately 400 km north of Rankin Inlet. This area will be used to temporarily store fuel, materials and inert waste materials travelling in and out of the CBP. Exploration work programs are generally undertaken as seasonal campaigns occurring between March and October in any given year, largely dictated by market conditions. The storage area in Rankin Inlet will enable NCGC to utilize marine sealift to mobilize supplies and demobilize inert waste materials to appropriate disposal facilities in the south. Fuel and supplies will generally be stored at the Rankin site between the summer sealift season and the following spring when an ice strip can be constructed at the CBP and supplies airlifted to site. Waste materials will be backhauled during the spring airlift and stored at the Rankin site until the subsequent summer sealift season.

NCGC currently utilizes a portion of the Hamlet of Rankin Inlet's Lot 11 at the Itivia Industrial site (please refer to attached map SK-589), for the temporary storage of drummed fuels up to 73,800 litres, and other materials such as pallets of core boxes, pallets of core box lids, emptied, crushed fuel drums, lifts of timber and the storage of 1 sea can.

This Spill Contingency Plan has been developed in response to a request to amend the current '*Permit to use the Commissioners' Land*' LUP-06-600-013 that covers Itivia Industrial site Lot 11 of Rankin Inlet. This document describes and outlines the measures employed by NCGC to minimize and mitigate the risk of accidental release of deleterious materials into the environment and the procedure to be taken in the event of such discharge.

The amendment to the '*Permit to use the Commissioners' Land*' LUP-06-600-013 requests authorization for:

- storage of up to 820,000 litres of fuel (a maximum of 4,000 drums at 45 gallons/205 litres each)
 - 1,950 drums / 399,750 litres of Arctic Diesel
 - 1,950 drums / 399,540 litres of Jet A or Jet B Aviation turbine fuel
 - 100 drums / 20,500 litres of gasoline
- continued storage of other supplies including lumber, core boxes, core box lids
- storage of up to 5 shipping containers
- storage of inert waste materials including scrap metals, drained emptied, crushed drums and recyclable materials

Fuel Storage Procedures

- Diesel, jet fuel and gasoline will be stored in metal 205 litre drums and organized in neat rows with bungs aligned horizontally within secondary containment.
- Secondary containment that is exposed to the environment will be covered during periods of inactivity to prevent snow and water accumulating inside the containment vessel
- Should snow or water accumulate within secondary containment it will be inspected for the presence of any visible sheen of oil and grease and treated accordingly prior to discharge.
- Fuel cache, drums, drum bungs and secondary containment will be regularly inspected for leaks or damage and recorded on an appropriate form. Copies of inspections will be retained by NCGC in the sea container currently on Itivia Industrial Site 11.

Risk Mitigation

NCGC recognizes that there are a number of risks associated with the use of hazardous materials. Table 1 summarizes risks associated with a number of products and systems developed to mitigate and minimize such risks.

Table 1: Risk mitigation of storage of hazardous materials

Product	Risk	Risk mitigation
Products stored in drums and containers <ul style="list-style-type: none"> • Diesel • Jet A/B • Gasoline 	Leaks or ruptures to containers or drums	<ul style="list-style-type: none"> • Regular inspections • Keeping drums and containers stored within secondary containment

A spill kit, fire extinguisher and Material Safety Data Sheets (MSDS) are located within the sea container currently at Itivia Site 11.

The spill kit comprises a 200 litre container which is clearly marked “Spill Kit” and contains:

- Basic personal protective equipment including goggles and latex gloves
- Absorbent materials including socks, pillows, pads, and granular substances
- 50 x sonic bonded pads (17"x19"3/8')
- 3 socks (4'x3" diameter)
- 1 sphag sorb ¾ cu ft
- 1 x plug it sealing compound (500 ml)
- 2 pillows 18"x18"
- Large 36"x52" lettered plastic bags for containing and transferring contaminated sorbent materials
- Shovel
- Spill kit check list

NCGC will ensure that all employees and contractors are familiar with the NCGC Spill Contingency Plan. A copy of this Spill Contingency Plan will be posted within the sea container currently at Itivia Site 11.

Spill Containment and Cleanup Strategies

In the event that accidental discharge of deleterious material occurs a response procedure has been developed to:

- ensure the health and safety of workers
- clearly outline how to activate spill response and immediate actions to take
- clearly identify roles, responsibilities and reporting procedures for spill events
- provide readily available emergency information to cleanup crews, management and government agencies
- provide site specific information on the resources available to address a spill
- provide procedures for the safe containment and cleanup of spills

Response Strategies for Diesel, Jet A/B Aviation Fuel and Gasoline discharge:

- Take action only if safe to do so
- Eliminate ignition sources
- Stop the source flow if safe to do so
- Appropriate personal protective equipment (Latex or other protective gloves, goggles/safety glasses, masks or breathers, coveralls etc.) should be worn at all times
- Build a containment berm using soil material or snow and place a plastic tarp at the foot of the berm for easy capture of the spill after all vapours have dissipated.
- Remove the spill by using absorbent pads or excavating the soil, gravel or snow.
- Remove spill splashed on vegetation using particulate absorbent material.
- Commence with the removal of any contaminate soil, gravel, or vegetation.
- Place contaminated material into sealed, 205 litre, labelled drums and segregate within secondary containment until shipping off site to an approved waste disposal facility.

Reporting Guidelines

NCGC will record and report all spills via internal spill reports. Employees/contractors are responsible to notify the Environmental Coordinator (or designated person). Environmental Coordinator (or designated person) will notify the Project Manager.

All spills will be reported immediately to the NT/NU spill report lines and regulatory bodies where the release of contaminants occurs in close proximity to a water body, sensitive environment or poses a threat to human health or exceeds the quantities of relevant substances described in Table 2.

Table 2: Spill reporting thresholds

TDG Class	Substance	Reportable Amount
3	Flammable liquid	100 litres
9.2	Environmentally hazardous	1 litres or 1 kg
9.3	Dangerous wastes	5 litres or 5 kg
None	Other contaminants	100 litres or 100 kg



The following agencies will be notified for all reportable spills:

- 24 hour NT/NU spill line
 - Phone: (867) 920-8130
 - Fax: (867) 973-6924
 - Email: spills@gov.nt.ca
- Hamlet of Rankin Inlet, Senior Administrative Officer (SAO), Justin Merritt
 - Phone: (867) 645-2895
 - Email: sao@rankininlet.ca
- Community and Government Services (CGS), Regional Lands Administrator, Randy Mercer
 - Phone: (867) 645-8115
 - Email: rmercerc@gov.nu.ca
- INAC Manager of Field Operations / Inspector
 - Phone: (867) 975-4295
 - Fax: (867) 979-6445
- Environment Canada
 - Phone: (867) 975-4644

This document is designed to meet all regulatory requirements for all Federal and Territorial acts, regulations, legislation and guidelines applicable to the storage, handling and transport of fuel and spill contingency planning.

NCGC will conduct annual reviews of this document to address changes in technology and operational practices. Contact details and information will be updated as required and distributed accordingly.

Emergency Contact information is summarized on the following page.

Emergency Contacts

NORTH COUNTRY GOLD CORP			
Simeon Robinson	Project Manager	Phone	(604) 790-8811
Site Office ¹	Camp Manager (24 hrs)	Phone	* TBA *
Michael Henrichsen	Chief Operating Officer	Phone	(604) 653-6730
Peter Rees	Chief Financial Officer	Phone	(778) 837-9110
TERRITORIAL / FEDERAL ENVIRONMENTAL CONTACTS			
24-Hour NU/NT Spill Line		Phone	(867) 920-8130
		Fax	(867) 973-6924
		Email	spills@gov.nt.ca
INAC Manager of Field Ops		Phone	(867) 975-4295
		Fax	(867) 979-6445
Government of Nunavut (Department of Environment)	Pollution / Air quality	Phone	(867) 975-7748
		Fax	(867) 979-5981
Government of Nunavut (Department of CGS)	Curtis Didham	Phone	(867) 975-4644
	Randy Mercer	Phone	(867) 645-8115
		Email	rmercerc@gov.nu.ca
Kitikmeot Inuit Association	Senior Lands Officer	Phone	(867) 982-3310
		Fax	(867) 982-3311
Fisheries and Oceans (DFO)		Phone	(867) 979-8007
Nunavut Water Board	Phyllis Beaulieu	Phone	(867) 360-6338
		Fax	(867) 360-6369
OTHER CONTACTS			
Hamlet of Rankin Inlet	Senior Administrative Officer Justin Merritt	Phone	(867) 645-2895
		Email	sao@rankininlet.ca
Sarliaq Enterprises	Office	Phone	(867) 645-2653
	Richard Connelly	Phone	(867) 645-1281
	Mike Osmond	Phone	(867) 645-2753
M & T Enterprises	Office	Phone	(867) 645-2778
Health Centre Repulse Bay		Phone	(867) 462-9916
Stanton Regional Hospital	Yellowknife	Phone	(867) 920-4111
Poison Control Centre		Phone	1-800-567-8911
Yellowknife Fire Department		Phone	(867) 873-2222
WSCC	24 hr hotline for injuries	Phone	1-800-661-0792
WSCC Chief inspector of mines	Fred Bailey	Phone	(867) 669-4430
WSCC Inspector	Martin Van Rooy	Phone	(867) 979-8527
RCMP Repulse Bay	Emergency	Phone	(867) 462-1111
	Non-emergency	Phone	(867) 462-0123
Discovery Mining Services		Phone	(867) 920-4111
Ookpik Aviation (Baker Lake)	24 hour number	Phone	(867) 793-4720
Ken Borek Air (Rankin Inlet)		Phone	(867) 645-2535
Custom Helicopters (Rankin Inlet)	Residence (24 hr number)	Phone	(867) 645-3885
Great Slave Helicopters		Phone	(867) 873-2071

¹ The name and contact details for the site office will be provided each year once communications and a phone number have been established