



Committee Bay Project

Spill Prevention and Response Plan

Revision 1

North Country Gold Corp.
November 2014

Table of Contents

Table of Contents.....	1
1.0 DOCUMENT CONTROL.....	3
2.0 COMPANY AND PROJECT BACKGROUND	4
3.0 INTRODUCTION	5
3.1 Company information	5
4.0 SCOPE AND OBJECTIVES	6
5.0 ENVIRONMENTAL POLICY	6
6.0 PROJECT DESCRIPTION.....	7
6.1 Camps	9
6.1.1. Hayes Camp	9
6.1.2. Bullion Camp.....	9
6.1.3. Ingot Camp	9
6.1.4. Crater Camp	9
6.2 Caches.....	9
6.2.1. Three Bluffs drill area and cache.....	9
6.2.2. West Plains Cache.....	10
6.2.3. Temporary Caches.....	10
7.0 HAZARDOUS MATERIALS	10
7.1 Risk Assessment.....	10
7.2 Hazardous Materials Handling	11
7.2.1. Storage	11
7.2.2. Petroleum products transfer	12
7.2.3. Secondary containment	12
7.2.4. Hazardous wastes.....	12
7.3 Spill Kits	12
7.4 Signs and labelling	12
7.5 Inspections.....	12
7.6 Training.....	13
8.0 SPILL RESPONSE ACTION PLAN	13
9.0 REPORTING GUIDELINES.....	15

9.1	External Reporting	15
9.2	Reporting contacts	16
10.0	SPILL CONTAINMENT AND CLEANUP STRATEGIES	16
10.1	Diesel Fuel, Hydraulic Oil and Lubricating oil	17
10.2	Gasoline and Jet A/B Aviation Fuel	18
10.3	Propane	19
10.4	Other Chemicals	20
10.5	Sewage	21
11.0	WASTE HANDLING AND DISPOSAL	22
12.0	RESPONSE AND SPILL EQUIPMENT.....	22
12.1	General equipment.....	22
12.2	Spill kits.....	22
12.3	Fire Extinguishers	23
12.4	MSDS sheets	23
13.0	TRAINING	24
13.1	Site Orientation	24
13.2	Emergency Response Team	24
13.3	Formal Training	24
13.4	Mock Exercises	24
13.5	Records	24
14.0	EMERGENCY CONTACTS	25
15.0	APPLICABLE LEGISLATION AND GUIDELINES.....	26
15.1	Federal.....	26
15.2	Territorial.....	26
16.0	REVIEW	26

List of Appendices

Appendix 1 – NCGC Camp layout plans
 Appendix 2 – Hayes Camp – buildings and equipment
 Appendix 3 – CBP Fuel Inventory
 Appendix 4 – NCGC Spill report form
 Appendix 5 – NT/NU Spill report form
 Appendix 6 – NCGC Inspection checklists
 Appendix 7 – MSDS Sheets

1.0 DOCUMENT CONTROL

Version	Date	Section	Pages	Revision
1	17/11/2014	all	all	Update and revision to existing NCGC Spill contingency and response plan.

2.0 COMPANY AND PROJECT BACKGROUND

North Country Gold Corp. ('NCGC') is a publically listed, Canadian based exploration company conducting mineral exploration within the Committee Bay area in the eastern portion of the Kitikmeot Region, Nunavut Territory, Canada.

The Committee Bay Project ('CBP') comprises mineral claims and leases located on both Crown Land and Inuit owned (surface rights) land pursuant to the Nunavut Land Claims Agreement. The project encompasses NCGC's flagship Three Bluffs gold deposit, numerous gold occurrences, four exploration camps and a number of fuel and equipment caches.

Exploration work programs are generally undertaken as seasonal campaigns occurring between March and October in any given year, largely dictated by market conditions. Work activities comprise claim and lease staking, prospecting, geological mapping, rock, till and soil sampling, airborne and ground geophysics and drilling. Supplies, including fuel are airlifted to the CBP from various towns and cities in Nunavut, Manitoba and the Northwest Territories.

In 2011, NCGC initiated an upgrade of its primary camp, Hayes Camp. These upgrades were designed to increase the camp capacity to 100 people and improve the overall safety, working conditions and environmental impacts of ongoing work at the Three Bluffs gold deposit. Upgrades completed in 2011 comprised construction of additional camp accommodation, the installation of new washroom facilities, quonset structures, a dual chambered incinerator, waste water treatment system, and initiation of the construction of a 3000' airstrip. NCGC intends to continue these camp upgrades and to construct an all-weather road from Hayes Camp to, and within, the Three Bluffs drilling area in coming years.

NCGC has the following permits and licences in place to support advanced exploration activity at the CBP.

Organization	Description	Permit/Licence #
Nunavut Impact Review Board	Project Reference Number	07EN021
Aboriginal Affairs and Northern Development Canada (AANDC)	Land Use Permit (Bullion camp)	N2014C0002
	Land Use Permit (Hayes camp)	N2014C0005
Kitikmeot Inuit Association	Land Use Licence for IOL (Ingot /Crater camps)	KTL314C003
Nunavut Water Board (NWB)	Water Licence	2BE-CRA1015
Aboriginal Affairs and Northern Development Canada (AANDC)	Commercial Leases	Lease 065J/11-1-2
		Lease 065J/12-1-2

3.0 INTRODUCTION

This document has been developed to outline the spill prevention and response plan to be implemented on all NCGC exploration and work sites within the Committee Bay Project. This plan is one of a number of plans established by NCGC designed to minimize pollution, protect the environment and the health and safety of all workers and contractors and the community at large from any effects of its materials and operations.

This document is designed to meet all regulatory requirements and forms part of NCGC's Nunavut Water Board ('NWB') Water Licence renewal application. Once approved, this document will be in effect from 01 April 2015 for the duration of NCGC's water licence. NCGC will conduct annual reviews of this document to address changes in technology and operational practises. Changes will be implemented upon approval from the NWB.

This Spill Prevention and Response Plan will be posted at all operational sites where fuel, oil, lubricants, and all other hazardous materials are stored. Personnel will be trained to mitigate risks and avoid spills and to activate this plan to respond to spills as necessary.

3.1 *Company information*

This document has been prepared by:

North Country Gold Corp. (parent)
Committee Bay North Ltd. (subsidiary)

Mailing address: Suite 220, 9797 45th Avenue
Edmonton, Alberta, T6E 5V8

Phone: (780) 437 6624

Fax: (780) 439 7308

Email: info@northcountrygold.com

Attention: Simeon Robinson (Project Manager)

4.0 **SCOPE AND OBJECTIVES**

This document has been developed to describe and outline the measures employed 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.

This plan is designed to work in conjunction with other operational plans including NCGC's *Fuel Management Plan* and *Comprehensive Waste Management Plan*. The overall objective of these plans is to promote the safe and careful use of potentially hazardous materials. 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
- provide guidelines for post spill monitoring and reporting

5.0 **ENVIRONMENTAL POLICY**

This *Spill Prevention and Response Plan* has been prepared in accordance with the commitments made by NCGC's environmental policy (NCGC Corporate and Social Responsibility Plan). NCGC embraces safe, socially and environmentally responsible and sustainable work practises during all phases of exploration activities within the CBP. To achieve these goals NCGC aims to:

- Conduct all work practises with due regard for the protection of the health and safety of all workers, contractors and the community at large
- Conduct all work practises with due regard for the protection of the environment, flora, fauna and sites of natural, cultural and historical significance
- Conduct all work practises in compliance with all laws, regulations, standards, permits, licences and best practises
- Assess the potential environmental impacts of all work practises and to ensure that effective controls are in place to minimize, mitigate and manage risks
- Take prompt and appropriate corrective actions should unexpected environmental impacts occur
- Ensure effective communication and close liaison is maintained with employees, the public, communities, government agencies, regulators and all stakeholders with regard to health, safety and environmental matters

- Undertake sustainable work practises wherever possible by implementing practises to reduce, reuse and recycle resources, and considering environmental factors in the purchase of supplies and equipment and development of procedures.
- Ensure that all employees and contractors are aware of NCGC's environmental commitments, policies and procedures and that these principles are embraced in all work practises.

6.0 **PROJECT DESCRIPTION**

NCGC's Committee Bay Project encompasses a number of mineral claims and leases occurring within a corridor originating at Committee Bay and extending approximately 300 km to the southwest towards Agnico Eagle's Meadowbank Mine within the eastern Kitikmeot region of Nunavut Territory (Figure 1).

NCGC presently operates four permitted camp sites, a number of fuel and equipment caches, and a number of drill sites along this corridor. The locations of camps and caches are presented in table 1. Details plan of camp layouts are presented in Appendix 1.

Site	UTM Coordinates (NAD 83)			Latitude	Longitude
<i>Name</i>	<i>Zone</i>	<i>Easting (m)</i>	<i>Northing (m)</i>	<i>D°M'S"</i>	<i>D°M'S"</i>
Hayes Camp	15 N	564,613	7,394,173	66°39'30" N	091°32'11" W
Bullion Camp	15 N	494,850	7,363,850	66°23'39" N	093°06'55" W
Ingot Camp	15 N	516,500	7,386,100	66°35'40" N	092°37'34" W
Crater Camp *	16 N	677,781	7,478,788	67°22'19" N	088°51'24" W
Three Bluffs Drill Area	15 N	569,153	7,392,660	66°38'42" N	091°26'12" W
Waste Plains Cache	15 N	479,650	7,342,810	66°12'19" N	093°27'02" W

Table 1 – Camps and caches within the Committee Bay Project

Notes: * Crater camp buildings, fuel and infrastructure have been removed.

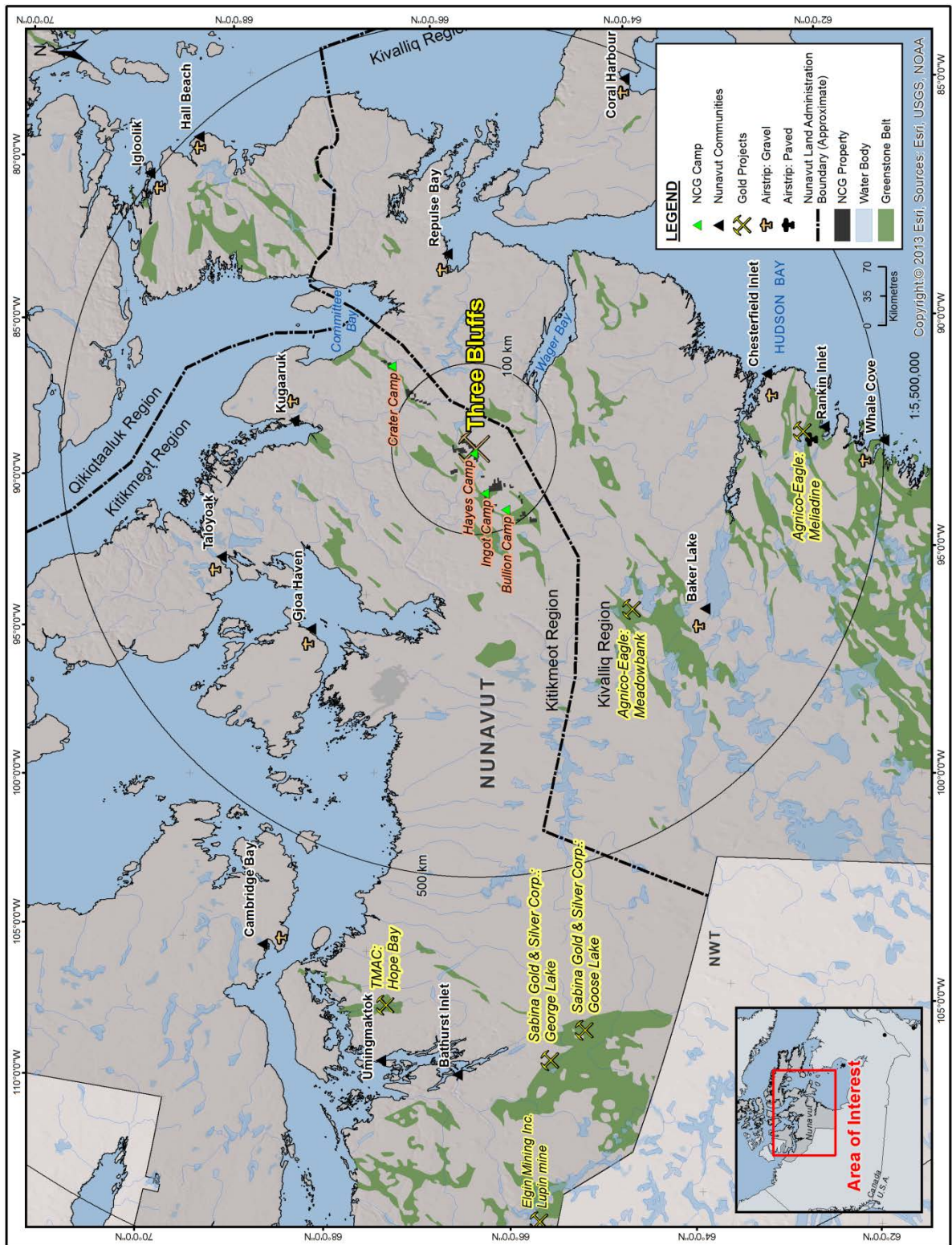


Figure 1 - Committee Bay Project Location

6.1 Camps

6.1.1. Hayes Camp

Hayes Camp is located approximately central within the Committee Bay project, 335 km northeast of Baker Lake, 400 km north of Rankin Inlet and 220 km south of Kugaaruk. Hayes camp provides accommodation for up to 100 people. The camp is supported by a 3000' graded esker airstrip and a prepared 5200' winter ice airstrip which is constructed on the adjacent Sandspit Lake. Mobile equipment and earthmoving equipment, power generators, a dual chambered incinerator, fuel and oils are stored at Hayes camp. Quarrying operations occur at Hayes Camp on a seasonal campaign basis.

A detailed list of buildings and equipment is provided in Appendix 2.

6.1.2. Bullion Camp

Bullion Camp is a small, 20 person camp used to support seasonal exploration campaigns in the southern portion of the project. This camp is supported by a short 320 m tundra airstrip, a small generator and a small drummed fuel cache. A quad may be utilized to transport supplies and equipment within the camp area.

6.1.3. Ingot Camp

Ingot Camp is a small up to 10 person camp used to support seasonal exploration campaigns in the central southern portion of the project. This camp is supported by a 230 m tundra airstrip. A small generator and limited quantities of fuel may be stored at this camp when active.

6.1.4. Crater Camp

All buildings, fuel and equipment was removed from the Crater Camp site in 2012.

6.2 Caches

6.2.1. Three Bluffs drill area and cache

The Three Bluffs drill area and cache is located approximately 5 km east-southeast of Hayes Camp. This area encompasses the Three Bluffs gold deposit, NCGC's drill water system and associated buildings, generators, boilers, piping and tanks and a number of diesel and jet fuel drum caches (detailed plan in Appendix 1). Skid mounted drill shacks and drill support equipment is located in this area.

6.2.2. West Plains Cache

The West Plains Cache comprises a small cache of drilling equipment (drill rods, core trays, drill setup timbers and a survival tent). Small quantities of drummed diesel and jet fuel and salt may be stored at this cache.

6.2.3. Temporary Caches

NCGC may temporarily store limited quantities of fuel, supplies and equipment in remote locations across the CBP to support remote exploration activities away from existing facilities. Fuel caches at these temporary caches will comprise less than 4000 litres of drummed diesel or jet fuel.

7.0 HAZARDOUS MATERIALS

Hazardous materials stored at the CBP consist of the following substances:

- P-50 Diesel
- Jet A or Jet B Aviation Fuel
- Gasoline
- Grease (mechanical lubricants)
- Engine oil
- Hydraulic/Transmission oils
- Two cycle oils
- Antifreeze
- Waste oil
- Propane
- Other materials potentially hazardous to the safety of personnel and the environment

NCGC's fuel inventory is provided in Appendix 3.

7.1 Risk Assessment

NCGC recognizes that there are a number of risks associated with the use of hazardous materials. Table 2 summarizes risks associated with a number of products and systems developed to mitigate and minimize such risks.

Product	Risk	Risk mitigation
Products stored in drums and containers • Diesel • Jet A/B • Gasoline • Oil • Waste fuel and oil • Antifreeze • Greases	Leaks or ruptures to containers or drums	• Regular inspections • Keeping drums and containers stored within secondary containment
Fuel cylinders • Propane • Acetylene	Leaks may occur at the valves	• Regular inspection of cylinders to ensure valves are closed • Cylinders fastened securely
Vehicles and equipment • Wheels/tracked vehicles • Aircraft • Generators • Pumps • Drill equipment	Leaking or dripping fuels and oils	• Regular inspections for malfunctions and damage • Regular maintenance • Proper storage: Vehicles and heavy equipment stored within Quonset with impermeable liner • Designation controlled refueling stations

Table 2 – Risk assessment

7.2 Hazardous Materials Handling

NCGC's *Fuel Management Plan* and *Comprehensive Waste Management Plan* provide detail on the handling, storage and transport of fuel and hazardous wastes at the CBP.

A brief summary of this is provided below:

7.2.1. Storage

- o All fuel caches are located in natural depression a minimum of 31 metres from the high water mark of any water body and within secondary containment
- o Diesel, jet fuel and gasoline are stored in metal 205 litre drums and organized in neat rows with bungs aligned horizontally within secondary containment.
- o Tent fuel tanks/drums are located within secondary containment and covered with drum covers
- o Bulk diesel is to be stored in up to 4 x 35,000 fuel tanks at Hayes Camp. These tanks have been manufactured in accordance with ULC standards S-601 and S-653. Fuel tanks will be installed in accordance with

applicable regulations and registered with Environment Canada prior to commissioning and filling.

- o Small (up to 2000 litre) double walled bulk tanks are used to supply fuel to generators, and the incinerator.
- o Propane is stored within conventional 100 lb tanks. Tanks are securely stored in upright position
- o Oils, antifreeze and other chemicals are stored within original containers within secondary containment
- o All products and caches are labelled appropriately. MSDS sheets are kept in a binder proximal to all caches.

7.2.2. Petroleum products transfer

- o Fuel transfer is to be undertaken by trained personnel only
- o Secondary containment is used in areas of fuel transfer
- o Cigarette smoking, sparks, open flames and other sources of ignition are prohibited from refuelling sites.

7.2.3. Secondary containment

- o 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
- o 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.

7.2.4. Hazardous wastes

- o Hazardous wastes will be handled, stored and transported in accordance with relevant regulations and best practise guidelines.

7.3 *Spill Kits*

Appropriately equipped spill kits will be located proximal to all fuel caches, fuel transfer stations and locations where hazardous materials are stored.

7.4 *Signs and labelling*

All products and fuel caches will be labelled appropriately. MSDS sheets will be kept in a binder proximal to all caches and hazardous material.

7.5 *Inspections*

Fuel caches, 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 in the NCGC site office.

7.6 Training

NCGC will ensure that all personnel handling fuel products and/or operating machinery will be familiar with NCGC's *Spill Prevention and Response Plan* and *Fuel Management Plan*.

8.0 SPILL RESPONSE ACTION PLAN

Figure 2 outlines NCGC's basic response plan in the event of a spill or release of hazardous materials into the environment.

Once a spill is identified the basic steps are:

- a) Employee/contractor assesses personal safety risks, identifies the source of the spill, eliminates ignition sources and if safe to do so stops the flow of the spilled material (shut of valve, stand up drum etc)
- b) Employee/contractor notifies Environmental Coordinator (or designated person) immediately and requests assistance (if required).
- c) Environmental Coordinator (or designated person) attends the scene of the spill. NCGC internal spill report is completed
- d) If spill is above reportable thresholds or poses threat a to human or environmental health, Project Manager (or designated person) contacts the NT/NU 24 hour spill report line and a report is made.
- e) Environmental Coordinator (or designated person) implements appropriate cleanup and or remedial actions. Photographs are taken where possible during and after cleanup.
- f) NCGC Internal report and post cleanup report completed and provided to regulators/inspectors as requested.

NCGC Action Plan in event of a spill

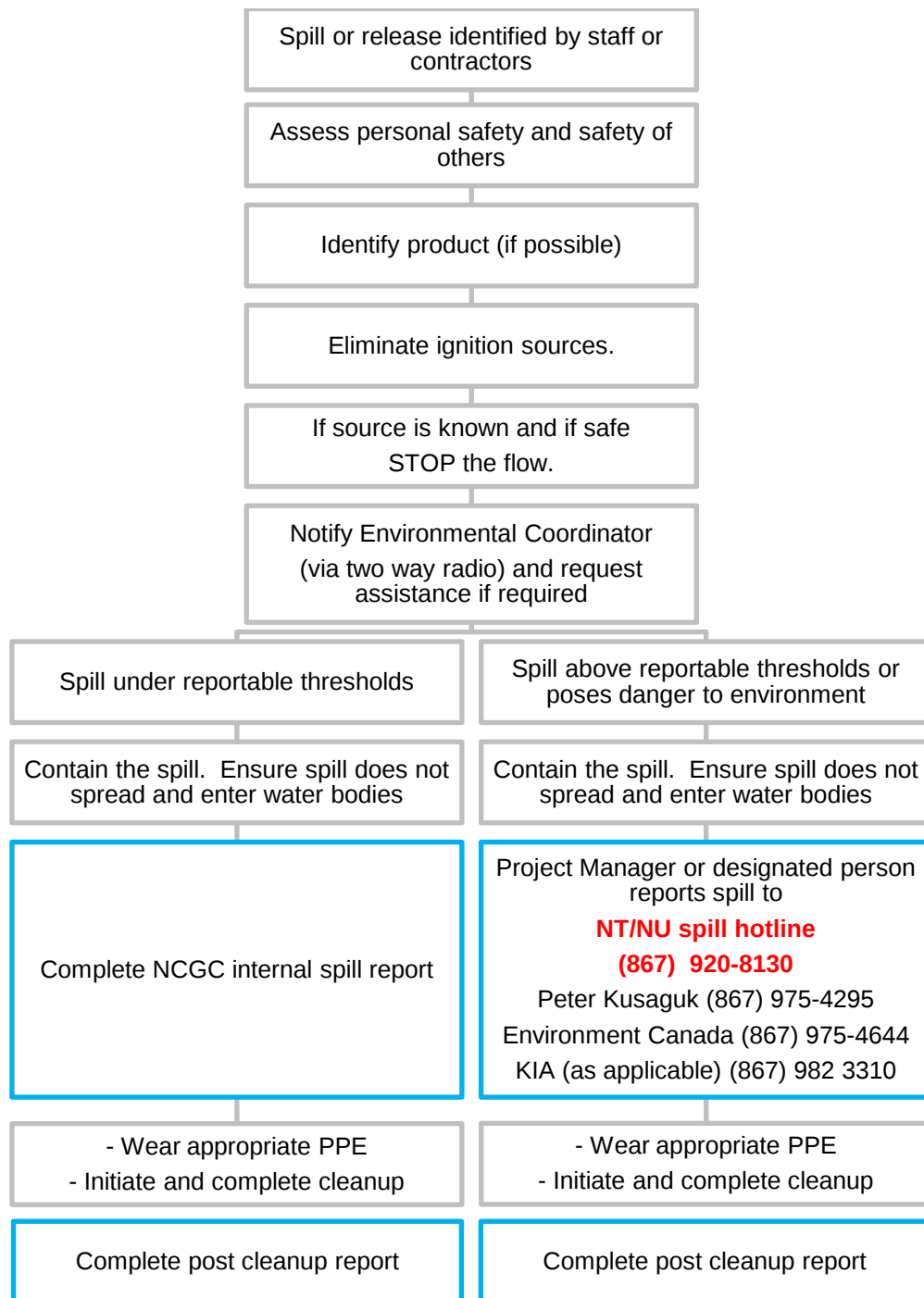


Figure 2 – NCGC Spill Response Plan

9.0 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.

9.1 *External Reporting*

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 wildlife habitat or poses a threat to human health or exceeds the quantities described in table 3.

TDG Class	Substance	Reportable Amount
1	Explosives	Any amount
2.1	Compressed gas (flammable)	Any amount of gas from containers with a capacity greater than 100 litres
2.2	Compressed gas (non-corrosive, non-flammable)	Any amount of gas from containers with a capacity greater than 100 litres
2.3	Compressed gas (toxic)	Any amount
2.4	Compressed gas (corrosive)	Any amount
3	Flammable liquid	100 litres
4.1	Flammable solid	25 kg
4.2	Spontaneously combustible solids	25 kg
4.3	Water reactant solids	25 kg
5.1	Oxidizing substances	50 litres or 50 kg
5.2	Organic Peroxides	1 litre or 1 kg
6.1	Poisonous substances	5 litres or 5 kg
6.2	Infectious substances	Any amount
7	Radioactive	Any amount
8	Corrosive substances	5 litres or 5 kg
9.1	Miscellaneous products or substances excluding PCB mixtures	50 litres or 50 kg
9.1	PCB mixtures of 5 or more parts per million	0.5 litres or 0.5 kg
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

Table 3 – Spill reporting thresholds

(see schedule B of the Consolidation of Spill Contingency Planning and Reporting Regulations)

9.2 Reporting contacts

The following agencies will be notified for all reportable spills:

- 24 hour NT/NU spill line
 - o Phone: (867) 920-8130
 - o Fax: (867) 973-6924
 - o Email: spills@gov.nt.ca
- AANDC Manager of Field Operations / Inspector
 - o Phone: (867) 975-4295
 - o Fax: (867) 979-6445
- Environment Canada
 - o Phone: (867) 975-4644

On Kitikmeot Inuit Association owned land (ie Ingot and Crater camps, claims and leases) additional reports will be sent to:

- KIA Senior Lands Officer
 - o Phone: (867) 982-3310
 - o Fax: (867) 982 3311

10.0 SPILL CONTAINMENT AND CLEANUP STRATEGIES

The following section outlines the strategies for the cleanup of spills for various products in various environments.

- Diesel fuel, hydraulic oil and lubricating oil
- Gasoline and Jet A/B Aviation Fuel
- Propane
- Other chemicals
- Sewage

10.1 Diesel Fuel, Hydraulic Oil and Lubricating oil

- 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

On Land

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 drums for shipping off site.

On Muskeg

Do not deploy personnel and equipment on marsh or vegetation.

- Remove pooled oil with sorbent pads and/or skimmer.
- Flush with low pressure water to herd oil to collection point.
- Burn only in localized areas, e.g., trenches, piles or windrows.
- Do not burn if root systems can be damaged (low water table).
- Minimize damage caused by equipment and excavation.

On Water

Contain spill as close to release point as possible.

- Use containment boom to capture spill for recovery after vapours have dissipated.
- Use absorbent pads to capture small spills.
- Use skimmer for larger spills.

On Ice and Snow

Build a containment berm around spill using snow.

- Remove spill using absorbent pads or particulate sorbent material.
- The contaminated ice and snow must be scraped and shovelled into plastic buckets with lids, 205 litre drums, and/or polypropylene bags.

Storage/Transfer

- Contaminated materials should be segregated and stored in sealed, labelled containers
- Containers will be stored in accordance with NCGC *Waste Management Plan*

10.2 Gasoline and Jet A/B Aviation Fuel

- 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

On Land

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 drums for shipping off site

On Muskeg

Do not deploy personnel and equipment on marsh or vegetation.

- Remove pooled gasoline or Jet B with sorbent pads and/or skimmer
- Flush with low pressure water to herd oil to collection point
- On advice from regulatory agencies, burn only in localized areas, e.g., trenches, piles or windrows
- Do not burn if root systems can be damaged (low water table)
- Minimize damage caused by equipment and excavation

On Water

- Contain spill as close to release point as possible
- Use containment boom to capture spill for recovery after vapours have dissipated
- Use absorbent pads to capture small spills
- Use skimmer for larger spills

On Ice and Snow

- Build a containment berm around spill using snow
- Remove spill using absorbent pads or particulate sorbent material
- The contaminated ice and snow must be scraped and shovelled into plastic buckets with lids, 205 litre drums, and/or polypropylene bags

Storage/Transfer

- Contaminated materials should be segregated and stored in sealed, labelled containers
- Containers will be stored in accordance with NCGC *Waste Management Plan*

10.3 Propane

- 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

On Land

- Do not attempt to contain the propane release

On Water

- Do not attempt to contain the propane release

On Ice and Snow

- Do not attempt to contain the propane release

General

- It is not possible to contain vapours when released
- Water spray can be used to knock down vapours if there is no chance of ignition
- Small fires can be extinguished with dry chemical or CO₂ extinguisher
- Personnel should withdraw immediately from area unless a small leak is stopped immediately after it has been detected
- If tanks are damaged, gas should be allowed to disperse and no recovery attempt should be made
- Personnel should avoid touching release point on containers since frost forms very rapidly
- Keep away from tank ends

Storage /Transfer

It is not possible to contain vapours when released.

10.4 Other Chemicals

- Assess the MSDS sheets immediately and assess the hazards
- Take action only 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

Members of the emergency response team who might be susceptible in certain situations, (such as asthmatics, where fumes or airborne particles are evident), should be replaced with alternates.

Apply absorbents to soak up liquids.

- Place plastic sheeting over solid chemicals, such as dusts and powders, to prevent their disbursement by wind or investigation by birds or other mammals.
- Neutralize acids or caustics

Storage/Transfer

- Contaminated materials should be segregated and stored in sealed, labelled containers
- Containers will be stored in accordance with *NCGC Waste Management Plan*

10.5 Sewage

In the event of sewage over flow or a burst pipeline within the Wastewater Treatment System or above ground transfer tanks, complete the following:

- Take action only if safe to do so
- Isolate power to the WWTS and associated pumps
- Stop the flow if safe to do so
- Ensure that wash-cars/washroom facilities are marked out of service
- Appropriate personal protective equipment (Latex or other protective gloves, goggles/safety glasses, masks or breathers, coveralls etc.) should be worn at all times

Sewage should be pumped, mopped or shovelled (as appropriate) into suitable containers for future reprocessing. An investigation should be conducted into the cause of the spill before the systems is reinitiated.

11.0 WASTE HANDLING AND DISPOSAL

Contaminated soils, sand, gravel, vegetation, snow and water will be collected and stored in sealed 205 litre metal drums and labelled appropriately. This material will be handled as hazardous wastes in accordance with NCGC's *Comprehensive Waste Management Plan*. Drums containing contaminated materials will be stored within secondary containment until such time as they can be back hauled to an approved waste disposal facility. Waste manifests will accompany all shipments of hazardous waste.

12.0 RESPONSE AND SPILL EQUIPMENT

12.1 General equipment

Heavy equipment (bulldozer, excavator, loader etc) used for camp and exploration support will be available for any on-site emergency spill response. Helicopters and fixed wing aircraft could also be available.

12.2 Spill kits

Spill kits will be located at the following locations (see attached map).

- Proximal to all fuel caches
- Proximal to all bulk fuel tanks
- Generators (Hayes Camp, Three Bluffs cache, Drill water system, satellite camps)
- Incinerator
- Diamond and RC drills
- Quonsets
- Workshop in camp
- Refuelling stations
- Hazardous waste storage facilities
- Reconnaissance caches and active drill sites

Spill kits comprise yellow or blue 200 litre containers which are clearly marked "Spill Kit"

These kits contain:

- 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

Additional spill response equipment is located at Hayes camp within the hazardous materials sea can. This equipment includes:

- Absorbent pads/mats
- Absorbent pillows
- Absorbent socks
- Absorbent booms
- Oil gator absorbent

Spill kits and spill response supplies will be regularly inspected and additional ordered and replaced as necessary.

12.3 Fire Extinguishers

Appropriate fire extinguishers will be located at all buildings, fuel caches, generators, incinerator, drill rigs and vehicles.

12.4 MSDS sheets

MSDS sheets will be located proximal to all fuel caches, hazardous materials storage locations and in the drillers' shop and site office.

13.0 TRAINING

13.1 *Site Orientation*

NCGC will ensure that all employees and contractors are familiar with the NCGC *Spill Prevention and Response Plan* as part of their initial site orientation at the CBP. The orientation will include:

- How and when to initiate spill response, identify risks, identify products
- Immediate steps to be taken in event of a spill
- Reporting requirements
- An overview of the location of fuel caches, hazardous materials
- A map of the location of spill kits
- Chain of command

13.2 *Emergency Response Team*

NCGC will establish an on-site Emergency Response Team (ERT) at the commencement of field operations each season. All members of the team will be familiar with the details of the *Spill Prevention and Response Plan*. In addition, training will ensure that each member of the ERT is familiar with:

- The location of all fuel caches and hazardous materials
- The location of spill response equipment and resources, personal protective equipment, and MSDS sheets
- Spill response methodologies
- Chain of command for spill response
- Emergency contacts list

13.3 *Formal Training*

Additional formal training may also include (where relevant):

- WHMIS training
- TDG training
- First Aid training

13.4 *Mock Exercises*

NCGC will ensure that at least one practise 'spill response' is completed each season to ensure that all personnel are familiar with Spill Response protocols.

13.5 *Records*

NCGC will maintain records of all training completed by personnel, ERT members and mock spills.

14.0 EMERGENCY CONTACTS

NORTH COUNTRY GOLD CORP			
Simeon Robinson	Project Manager	Phone	(780) 616-9459
Site Office ¹	Camp Manager (24 hrs)	Phone	* TBA *
Peter Kleespies	Vice President Exploration	Phone	(780) 966 6638
John Williamson	Chief Executive Officer	Phone	(780) 966 7014
TERRITORIAL / FEDERAL ENVIRONMENTAL CONTACTS			
24-Hour NU/NT Spill Line		Phone	(867) 920-8130
		Fax	(867) 973-6924
		Email	spills@gov.nt.ca
AANDC Manager of Field Ops	Peter Kusugak	Phone	(867) 975-4295
		Fax	(867) 979-6445
AANDC Water Resource Officer	Eva Paul	Phone	(867) 975-4548
Government of Nunavut (Department of Environment)	Pollution / Air quality	Phone	(867) 975-7748
		Fax	(867) 979-5981
		Curtis Didham	Phone
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			
Sanitherm (Wastewater Process)	Philip Tam	Phone	(604) 529-2155
Sanitherm (Clean Harbors OPS)	Cid McLean	Phone	(780) 960-6406
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	Peter Bengts	Phone	(867) 669-4412
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

15.0 APPLICABLE LEGISLATION AND GUIDELINES

Acts, regulations, legislation and guidelines applicable to the storage, handling and transport of fuel and spill contingency planning are presented in:

15.1 *Federal*

- National Fire Code of Canada
- Canadian Environmental Protection Act
- Fisheries Act
- Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations
- Spill Contingency and Reporting Regulations
- CCME Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products
- Transportation of Dangerous Goods Act
- The Workplace Hazardous Materials Information Systems (WHMIS)

15.2 *Territorial*

- Fire Prevention Act
- Nunavut Environmental Protection Act
- Nunavut Waters Act and Regulations
- Nunavut Water and Surface Rights Tribunal Act
- Mines Health and Safety Regulations (Nunavut)
- The NWT and Nunavut Safety Act
- Transportation of Dangerous Goods Act
- Guidelines for Spill Contingency Planning (INAC)
- Draft recommended best practices for the storage and handling of petroleum and allied petroleum products on Federal Crown land in Nunavut

16.0 REVIEW

NCGC will conduct annual reviews of this document to address changes in technology and operational practices. Changes will be implemented upon approval from the NWB. Contact details and information will be updated as required and distributed accordingly.