



Hazardous Waste Management Plan

North Country Gold Corp.

**NORTH COUNTRY GOLD CORP.
THREE BLUFFS PROJECT**

HAZARDOUS MATERIALS MANAGEMENT PLAN

NCG has implemented a new waste management system with a goal to reduce and prevent pollution. Waste at the camp will be sorted and safely and appropriately disposed of. Hazardous wastes will be stored in a separate area, prior to being shipped south for recycling and/or disposal at licenced facilities. Hazardous waste includes used oil, oil filters, paint, chemicals, batteries, and used grease.

The objectives of the plan are to:

- Develop a system of appropriate and safe (both to people and the environment) storage, handling and disposal of hazardous materials
- Minimize and mitigate against any potential impacts to the environment
- Comply with Federal and Territorial legislation and the Terms and Conditions provided in the water licence and the land use permits

The bulk of the hazardous materials on site at the Three Bluffs Project are petroleum products. A comprehensive list of all of the hazardous materials and their volumes will be maintained in the office at site. The table will be formatted as follows:

Product Name	Storage Location	A p p r o x i m a t e Volume at Present	Maximum Volume to be Stored

At all times, alternatives to hazardous products will be researched and if an appropriate substitute is identified, then it will be purchased. As well, every effort will be made to purchase products from suppliers that have policies of return for used containers and/or unused product.

TRANSPORTATION

The Government of Nunavut is responsible for administering the *Transportation of Dangerous Goods Act and Regulations* (TDGA & TDGR). This body regulates the transportation of hazardous materials and wastes, classifies dangerous goods into nine classifications, and sets requirements for the packaging and labeling of the materials. The Act also requires that personnel involved in the

shipping and control of hazardous materials be trained in the application of the Act. The nine classifications of hazardous materials are:

- Class 1: Explosives, including explosives within the meaning of the (Canada).
- Class 2: Gases; compressed, deeply refrigerated, liquefied or dissolved under pressure.
- Class 3: Flammable and combustible liquids.
- Class 4: Flammable solids; substance liable to spontaneous combustion and substances that on contact with water emit flammable gases.
- Class 5: Oxidizing substances; organic peroxides.
- Class 6: Poisonous (toxic) and infectious substances.
- Class 7: Radioactive materials and prescribed substances within the meaning of the (Canada).
- Class 8: Corrosives.
- Class 9: Miscellaneous products, substances or organisms that are considered by the Lieutenant Governor in Council to be dangerous to life, health, property or the environment when transported and are prescribed to be included in this class.

*as taken from the Schedule of the *Transport of Dangerous Goods Act*, <http://www.tc.gc.ca/tdg/links.htm>

Other legislation that applies to the storage, handling and transport of hazardous materials is presented in:

- National Fire Code of Canada (Federal)
- Fire Prevention Act (Territorial)
- Federal Aboveground Storage Tank Technical Guidelines
- CCME Environmental Codes of Practice for Underground and Aboveground Storage Tank Systems
- Nunavut "Guideline for the General Management of Hazardous Waste", see Appendices
- *The Mine, Health and Safety Act and Regulations (Nunavut)*
- *The NWT and Nunavut Safety Act, the Occupational Health and Safety Regulations*
- The Workplace Hazardous Materials Information System (WHMIS)
 - **Governments of the Northwest Territories and Nunavut**
Workers' compensation Board
Tel.: 1-800-661-0782 or 1-867-669-4407
<http://www.wcb.nt.ca/>
- Environmental Guideline
- *The Federal Explosives Act and Regulations*
- *Canadian Environmental Protection Act*
- *Public Health Act*
- *Fisheries Act*
- *Nunavut Waters Act*
- *Nunavut Surface Rights Tribunal Act*
- *Environmental Protection Act*

The Environmental Protection Service (EPS) of the Department of Sustainable Development is the Government of Nunavut's (GN) agency that monitors the movement of hazardous waste from the producer to the final disposal location through the use of a tracking document, a waste manifest. A waste manifest form is to be filled out and must accompany all hazardous waste while in transit, regardless of the means of transport. All parties must be registered by EPS and the registration number entered in the appropriate location on the waste manifest form.

STORAGE

All hazardous materials will be labelled accordingly to comply with regulations and to inform personnel/contractors of the contents, toxicity, etc. MSDS sheets will be available for all hazardous materials will be located in a binder in the office and in a binder in the storage area. MSDS sheets are also located in the Appendices of the Spill Response Plan. All personnel/contractors working at site who have to handle hazardous materials will be trained appropriately.

Hazardous materials will be stored in a safe, dry manner with clear labelling and secondary containment. All storage areas will be clearly identified with proper labelling and signage and will be inspected regularly during operations. Products will be stored a minimum of 31 metres from the high water mark of any water body.

WASTE OIL FURNACE

In 2011 NCG will install a Clean Burn waste oil furnace to provide heat to either the shop or the core processing facility. The specifications for the furnace are attached to this document.

INSPECTIONS

Storage areas for fuel and chemicals will be inspected daily during operations. All inspections will be logged with the date and time of the inspection, facility inspected, and the name of the person conducting the inspection.

TRAINING

Fuel and lubricant handlers will be expected to be familiar with the relevant MSDS. In addition, personnel and contractors will receive the following training as required by their areas of responsibility:

- Transportation of dangerous goods
- WHMIS
- Spill response and reporting
- North Country Gold's internal fuel handling procedures
- Emergency response

CONTACTS

1. Environmental Protection Service
Department of Sustainable Development
P.O. Box 1000, Station 1195
Iqaluit, Nunavut, X0A 0H0
Phone: (867) 975-5900; Fax: (867) 975-5990
2. Motor Vehicles Division
Department of Community Government and Transportation, Headquarters
Government of Nunavut
P.O. Box 207
Gjoa Haven, Nunavut, X0E 1J0
Phone (867) 360-4614; Fax (867) 360-4619
3. Prevention Services Division
Workers' Compensation Board
P.O. Box 669
Iqaluit, Nunavut, X0A 0H0
Phone: (867) 979-8500; Fax: (867) 979-8501
(867) 873-7468 (accident report); Fax: (867) 873-0262
1-800-661-0792
4. Office of the Fire Marshall (Nunavut Emergency Services Division)
Department of Community Government and Transportation
P.O. Box 1000, Station 700
Iqaluit, Nunavut, X0A 0H0
Phone: (867) 975-5316; Fax: (867) 979-4221
5. Indian and Northern Affairs Canada
P.O. Box 2200
Iqaluit, Nunavut, X0A 0H0
Phone: (867) 975-4500; Fax: (867) 975-4560
6. Environmental Protection Branch
Environment Canada
P.O. Box 1870
Iqaluit, Nunavut, X0A 0H0
Phone: (867) 979-3660; Fax: (867) 975-4645