

**WPC Resources Incorporated**

**HOOD RIVER PROJECT:  
(CO20: HOODRIVER-001 Mineral Exploration Agreement)**

**FUEL MANAGEMENT PLAN**

**In the  
Hood River (Ulu-Penthouse Lake) Area,  
Nunavut.**

(Valid for the period between June 01, 2014 and December 31, 2019.)

**PREPARED FOR:**

**WPC Resources Incorporated,  
Suite 202, 750 West Pender Street,  
Vancouver, British Columbia.  
CANADA V6C 2T7**

**PREPARED BY:**

**Bruce E. Goad, P. Geo., M. Sc.,  
*INUKSHUK* EXPLORATION INCORPORATED,  
21861 44A Avenue,  
Langley, British Columbia.  
CANADA V3A 8E1**

**DATE PREPARED:**

May 25, 2014.

**DATE REVISED:**

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**FUEL MANAGEMENT PLAN**  
**WPC Resources Incorporated.**

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## **PREAMBLE**

This Fuel Management Plan supplements the company's Fuel Spill Contingency Plan and pertains solely to the daily management of fuel. Much of the material here is also presented in the above plan.

## **1.0 INTRODUCTION**

WPC Resources Incorporated will store fuels appropriately to ensure all personnel and contractors remain safe and the environment is protected. Any personnel required to handle or store fuel will receive adequate training including in the operations and maintenance as well as in the both company's Fuel Spill Contingency Plan and the Emergency Response Plan.

## **2.0 FUEL TRANSPORTATION AND TRANSFER**

Initially, WPC will utilize all fuel currently onsite at the Base Camp. Arrangements have been finalized with Elgin Mining Incorporated, the owner of the Ulu Minesite Camp. Once these onsite fuels have been consumed, if additional supplies are required, all additional fuel supplies will be mobilized to camp via fixed wing (twin otter, C47 or similar) aircraft. All fuel drums will be inspected prior to being transferred from the Ulu Runway to the Ulu Base Camp for any defects (i.e. torn, missing, or twisted gaskets, etc.) and will be monitored during the program.

Diesel, jet fuel and gasoline will be in standard, sealed and labeled 45 Imperial gallons (205 liters) metal drums. Propane will be in standard 100 lbs. cylinders.

The transfer process where the fuel is moved from the runway to the camp will be undertaken using the onsite contract helicopter.

When refueling, the fuel drum will be stood on end and blocked with the high side at 12 o'clock, the bung at 3 o'clock and the vent at 9 o'clock to prevent water or dirty fuel from reaching the openings. The standpipe will be placed in a manner so that it will not be able reach the lowest point in the drum, therefore ensuring any water or dirt will remain in the drum.

Fuel will be transferred from the drums by hand operated rotary or electric pump with standpipe. Any refueling station will have an appropriate and fully stocked spill kit.

Empty drums will have their bungs securely tightened and then will be stored on their side (with the imaginary line drawn between the two bungs in a horizontal position) to prevent any leakage. All drums will be returned to Yellowknife on backhaul flights leaving the camp on a regular basis where they will be cleaned and recycled or crushed.

## **3.0 STORAGE AND CONTAINMENT**

Fuel caches (and any potentially hazardous materials) will be located within secondary containment systems, using "Insta-Berm," "PREVENT AB," or similar models, which utilize chemical and fire resistant fabric (generally a polyurethane coated nylon or vinyl coated

polyester material) designed for extreme arctic temperatures and appropriate for waste water, petroleum products, and various chemicals.

The fuel caches (camp and drill site) will be a minimum of 31 metres away from the normal high water mark to prevent spills or seepage from entering any water body.

Full fuel drums will be stored on their sides in orderly rows with their bungs and vents in the three o'clock and nine o'clock positions. Drums will be stood up 1-2 days prior to the need to use them in order to allow any contaminants to settle. Upon regular inspection if any drums are found to be leaking or damaged the substance will be used immediately.

Propane cylinders will be equipped with a pressure relief valve that opens and closes to prevent excessive internal pressure due to abnormal conditions. Information marks will stamped onto the collar of cylinders identifying data such as the original date of manufacture and any subsequent re-testing dates. Even though propane is non-toxic and will not contaminate soil, prior to and after use the propane cylinders will be stored with the other fuel in the secondarily contained berms.

#### **4.0 SIGNS, LABELS AND INSPECTIONS**

All drummed fuel will be clearly labeled and include the type of fuel, the company name and the date of delivery to the site. Additional records with the same information will be posted at each fuel site.

“NO SMOKING” signs will be posted at each fuel cache and at the fuel storage area.

#### **5.0 SPILL KITS**

Every fuel cache, storage area and refueling station will have a spill kit designed based on type, location and volume of fuel. See the company's filed “Fuel Spill Contingency Plan” for further details.

#### **6.0 APPLICABLE LEGISLATION AND GUIDELINES**

Acts, Regulations, and Legislation that applies to the storage, handling and transport of fuel are enacted through both Federal and Territorial legislation.

##### **6.1 Federal Acts, Regulations, and Legislation:**

- National Fire Code of Canada
- Storage Tank Systems For Petroleum Products and Allied Petroleum Products Regulations
- Federal Aboveground Storage Tank Technical Guidelines
- CCME Environmental Codes of Practice for Underground and Aboveground Storage Tank Systems
- Transport of Dangerous Goods Act
- The Workplace Hazardous Materials Information System (WHMIS)

- Worker's Compensation Board
- Canadian Environmental Protection Act
- Fisheries Act
- Environmental Protection Act
- Guidelines for Spill Contingency Planning, Indian and Northern Affairs Canada
- Draft Fuel Storage and Handling Guidelines, April 2008, Indian and Northern Affairs Canada

## **6.2 Territorial Acts, Regulations, and Legislation:**

- Fire Prevention Act
- Nunavut Waters Act
- Nunavut Surface Rights Tribunal Act
- Draft Recommended Best Practices For The Storage And Handling Of Petroleum And Allied Petroleum Products on Federal Crown Lands in Nunavut
- Nunavut "Guideline for the General Management of Hazardous Waste"
- The Mine, Health and Safety Act and Regulations (Nunavut)
- The NWT and Nunavut Safety Act, the Occupational Health and Safety Regulations

## 7.0 DISTRIBUTION LIST

### *Distribution List.*

This manual is to be distributed to the following WPC personnel:

**WPC Resources Incorporated,**

**Company Chief Executive Officer:**

W. K. Crichy Clarke,  
(Vancouver)  
[Crichy@wpcresources.com](mailto:Crichy@wpcresources.com)

Suite 202, 750 West Pender Street,  
Vancouver, British Columbia.  
CANADA V6C 2T7

Telephone: 604-685-1144  
Toll Free: 1-877-685-1144

**Directors:**

W. K. Crichy Clarke, C.E.O. [Crichy@wpcresources.com](mailto:Crichy@wpcresources.com)  
Allan Fabbro, President, [afabbro@wpcresources.ca](mailto:afabbro@wpcresources.ca) or [afabbro@imining.com](mailto:afabbro@imining.com)  
Richard Jordens, Director,  
Bruce Hamilton, Director,  
and  
Glen Macdonald, Director.

**Geologic Contact / Consulting Geologist:**

Bruce Goad, P. Geo., M. Sc.  
**INUKSHUK EXPLORATION INC.**  
(Langley, British Columbia)  
[InukshukExploration@Shaw.ca](mailto:InukshukExploration@Shaw.ca)

**Geologists:**

Yet to be hired.  
Yet to be hired.  
Yet to be hired.  
Yet to be hired.

**Camp Manager:**

Yet to be hired.

**All Camp Staff**

Yet to be hired.  
Yet to be hired.  
Yet to be hired.

**All Field Staff:**

Yet to be hired.  
Yet to be hired.  
Yet to be hired.  
Yet to be hired.

**Safety Officer**

Yet to be nominated.