

## FUEL SPILL CONTINGENCY PLAN

INTRODUCTION June 26, 2014

Tundra Copper Corp has drafted this Fuel Spill Contingency Plan to provide a plan of action for Company personnel to follow should a spill occur. This pertains to exploration activities that are planned for the summer of 2014 field season on the Company's Coppermine project located approx 60km southwest of Kugluktuk. This plan will be posted at camp and at each drill site where potentially hazardous materials will be used.

## PROJECT DESCRIPTION

A small phase 1 exploration program is planned for Tundra Copper's Coppermine District mineral claims for approx 30 days during the summer of 2014. The field crews will be based out of a small temporary camp centrally located to where the bulk of exploration activity will occur on claim RML28. Fuel for the helicopter, drill and camp will be stored in 205l drums at the camp in a safe containment area that is bermed and lined with suitable material to prevent seepage into the underlying soil should a spill occur.

Spill kits will be placed at camp and at each site the drill is working on. The kits will contain fuel absorbant pads, booms, heavy duty plastic bags, tarps, empty drum or bucket for collecting contaminated material, hand tools among other items.

### SPILL PREVENTION AND TRAINING

Prior to the commencement of the program, all personnel will be given on site instruction on safety, safe handling of fuel and dangerous goods and this plan of action should an accident occur. The project manager will see to it that all equipment is in good repair and drip pans and absorbant pads are used with equipment in areas where such leakage may occur. All personnel will be briefed on this Fuel Spill Contingency Plan.

## FUEL SPILL CONTINGENCY PLAN PROCEDURE

# Initial Response

- Ensure safety of all personnel
- Assess spill hazards and risk
- Remove all sources of ignition
- Stop the spill if safe to do so
- Notify camp manager
- Participate in spill response

1500-409 Granville Street, Vancouver, BC V6C 1T2 Office: 604-685-6699 Toll Free: 1-855-680-6699



# Spill Response Team

- Project Manager will report spill to the 24-hour Spill Report Line 867-xxx-xxxx
- Identify the best approach to spill response depending on location (ie. snow, land, ice, water)
- Carry out clean up according to the guidelines set out in this reponse plan
- Determine if further assistance or equipment is required
- Conduct investigation to prevent another such incident

# Reporting Procedure

- All personnel on site will have a 2-way radio with which to communicate spills to the Project Manager.
- All spill kits will have a contact list and Initial Response Procedure Card.
- Project Manager will immediately report spill to the 24-hour Spill Report Line as per Schedule 1 of INAC Spill Reporting Protocol.
- Further reporting will be filed with DIAND and any other agencies requiring a report.



# **EMERGENCY CONTACT LIST**

24-Hour Spill Report Line Tel: 867-920-8130

Fax: 867-873-6924

Donald Penner, President, Tundra Copper Corp Cell: 778-212-1950

Home: 250-545-0748

Cor Coe, CEO, Tundra Copper Corp Cell: 604-817-4753

Home: 250-338-9167

Teresa Ouellette, Kluane Drilling Ltd Office: 867-633-4800

# **OTHER CONTACTS**

Enforcement Officer, Environment Protection Branch Tel: 867-975-4644

Environment Canada, Nunavut

District Manager, INAC Tel: 867-975-4295

INAC Water Resources, Nunavut

Tel: 867-975-4549

Resource Management Officer, INAC Tel: 867-982-4306

Nunavut Water Board Tel: 867-360-6338

Kitikmeot Inuit Association Tel: 867-982-3310

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#### **RESPONSE TO SPILLS**

The following procedures describe the recommended action for each environment listed.

# Spills on Land

- Includes spills on rock, gravel, soil and/or vegetation
- Take all measures to prevent spills reaching open water bodies
- Employ trenches, dykes, soil berms to contain spill
- Absorb fuel with absorbant pads
- Isolate contaminated soil and place in barrels, pails, on tarps etc.
- Disposal only authorized by government authorities

# Spills on Water

- Employ booms with absorbant materials built in to contain fuel by creating a circle around the spill. Recover with absorbant pads or pump into barrels or tanks.
- Weirs can be used to prevent further migration of spill downstream. Use plywood, 2x4's etc. to build and use pads or pumps to remove fuel at the weir.
- Barriers, such as fencing, can be placed across a stream. Spill mopped up with sorbents

## Spills on Ice

- Employ dikes and trenches, mop up with absorbant pads, shovel contaminated slush into pails, bags, etc.
- Take all measures to prevent fuel from penetrating the thickness of the ice to the water below. If that occurs, cutting blocks of ice with a chain saw or drilling holes with an auger may be required. Once accessible, the fuel may be mopped up with absorbants or pumped into pails, tanks etc.

## Spills on Snow

- Employ dikes and trenches to contain fuel movement
- Shovel contaminated snow/slush or mop up with pads

NOTE: In all types of spills, burning the fuel off is an option of last resort only if it can be done safely and only may be done with authorization from the INAC or lead agency inspector.

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