

McCarthy Services Ltd
 70 King Road, PO Box 3190
 Inuvik, NT X0E 0T0
 (867) 777-4000

Spill Contingency Plan

Effective date: October 3, 2016

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Distribution: Marta Paulino Public Works and Services GNWT
 Brian J. McCarthy, Field Supervisor
 Gwich'in Land and Water Board
 GNWT Department of Lands, Inuvik Region

Operation/site: Quarrying under Permit #2016QP0025 at KM 230 Dempster Highway
 Hazardous materials on-site:

McCarthy Services Ltd. does not store fuel or hazardous materials on site. **The only fuel and hazardous materials on site are fuels and vehicle fluids on equipment and pickup truck;**

Preventive measures:

- Use drip trays when re-fueling equipment from tidy tanks.
- Place drip trays under (All) equipment when stored overnight.
- Carry spill kits on equipment and pick-up truck.(6 Gal. Bag Kits)
- Large Spill kit on site during operations only (65 Gal Drum Kit)

Potential spill sizes and sources:

| Material (sources) | Potential discharge event | Discharge volume (worst case) | Direction of potential discharge |
|---|--|---|--|
| Diesel fuel (loader, excavator, tractor, tidy tank) | 1. over pumping from tidy tank into equipment tank 2. punctured fuel tank | likely under 5 liters (200 liters) | Depression in the rock surface within the work area. |
| Gasoline (pickup truck) | 1. punctured fuel tank | likely under x50 liters | Depression in the rock surface within the work area. |
| Vehicle fluids (loader, excavator, tractor, pickup truck) | 1. punctured line or reservoir | likely under 2 liters (x liters) | Depression in the rock surface within the work area. |
| | | | |

Potential environmental impacts:

The working surface in this rock quarry is mostly flat. Any potential spills will pool and be contained within depressions in the rock surface, within the quarry. There are no water bodies within the quarry.

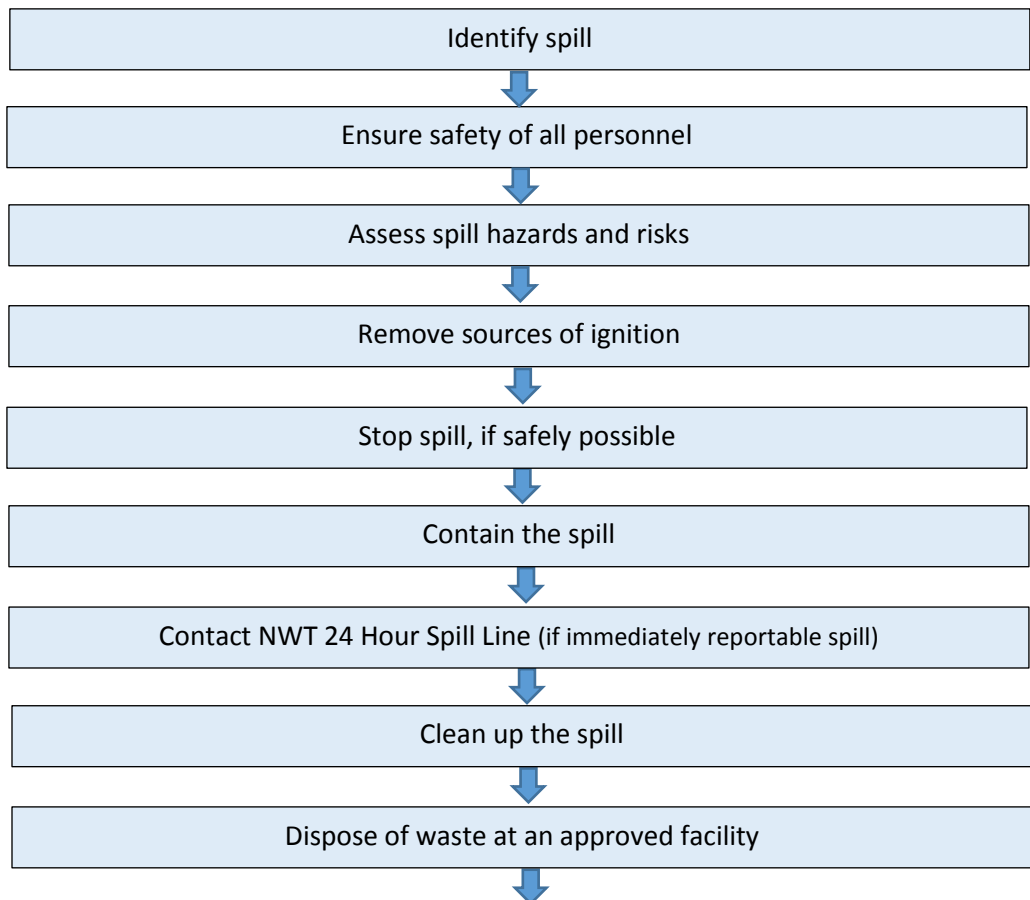
Contents of spill kits:

- 65 Gallon UN/DOT Drum with Lid
- 60 Heavy Weight Absorbent Pads
- 10-Absorbent 3"x4 ft. socks
- 7-Absorbent 3"x8ft Socks
- 6-18"x18" Pillows
- 1 Pair Nitrile Gloves
- 5 Disposable bag with Tie
- 1 Instruction Sheet

Contact numbers:

Brian J. McCarthy (867)678-0248
NWT 24 Hour Spill Line (867) 920-8130, fax (867) 873-6924
Inspector (867) 777-8900
GLWB (867) 777-4954
RCMP (867) 777-1111
Ambulance (867) 777-4444

Spill response:



Submit a spill report to Inspector and GLWB within 30 days

Appendices

- Immediately Reportable Spill Quantities
- NT-NU Spill Report Form
(also available at http://www.enr.gov.nt.ca/sites/default/files/forms/ntnu_interactive_spill_form.pdf)
- MSDS

Immediately Reportable Spill Quantities

| TDG Class | Substance for NWT 24 Hour Spill Line | Immediately Reportable Quantities |
|-------------------------------------|---|--|
| 1 2.3 2.4 6.2 7 None | Explosives Compressed gas (toxic) Compressed gas (corrosive) Infectious substances Radioactive Unknown substance | Any amount |
| 2.1 2.2 | Compressed gas (flammable) Compressed gas (non-corrosive, non-flammable) | Any amount of gas from containers with a capacity greater than 100 L |
| 3.1 3.2 3.3 | Flammable liquids | > 100 L |
| 4.1 4.2 4.3 | Flammable solids Spontaneously combustible solids Water reactant | > 25 kg |
| 5.1 9.1 | Oxidizing substances Miscellaneous products or substances excluding PCB mixtures | > 50 L or 50 kg |
| 5.2 9.2 | Organic peroxides Environmentally hazardous | > 1 L or 1 kg |
| 6.1 8 9.3 | Poisonous substances Corrosive substances Dangerous wastes | > 5 L or 5 kg |
| 9.1 | PCB mixtures of 5 or more ppm | > 0.5 L or 0.5 kg |
| None | Other contaminants (e.g. crude oil, drilling fluid, produced water, waste or spent chemicals, used or waste oil, vehicle fluids, waste water, etc.) | > 100 L or 100 kg |
| None | Sour natural gas (i.e. contains H ₂ S) Sweet natural gas | Uncontrolled release or sustained flow of 10 minutes or more |

In addition, all releases of harmful substances, regardless of quantity, are to be reported to the NWT spill line if the release is near or into a water body, is near or into a designated sensitive environment or sensitive wildlife habitat, poses imminent threat to human health or safety, poses imminent threat to a listed species at risk or its critical habitat, or is uncontrollable.

Source: Guidelines for Spill Contingency Planning, April 2007, AANDC
<http://www.aadnc-aandc.gc.ca/eng/1100100024236/1100100024253#aB3>