



## **SPILL CONTINGENCY PLAN QUARRY**

### **COMPANY DETAILS**

**Company Name:** Raine Trucking Ltd.

**Head Office Address:** 6 Stewart Drive, Hay River, NT X0E 0R3

**Office Phone:** (867) 874-6983 or **Cell:** (867) 875-8390

**Site Name:** Raine Trucking Ltd. Quarry Operation

**Site Location:** NWT South side of Hwy 5, km 44.5

**Distribution List:** Ryan Patterson

### **PURPOSE & SCOPE OF PLAN**

The purpose of this plan is to outline actions for potential spills in providing direction of containment, response and remediation of the affected area.

### **COMPANY ENVIRONMENTAL POLICY**

Raine Trucking Ltd. is committed to the preservation and protection of our environment and will strive to meet or surpass all federal, territorial, municipal laws and contractual requirements set out by the client.

Raine Trucking Ltd. will at all times and under any circumstances, ensure that:

- There is proper communication, operational control, and emergency preparedness.
- That we act promptly and responsibly to correct incidents or conditions that endanger the environment and inform those who may be affected.

It is our goal to be responsible to the sensitivity of the environment on the location which Raine Trucking Ltd operates.

## POTENTIAL HAZARDOUS MATERIALS

- Diesel Fuel
- No Hazardous Material is kept on site

## HAZARDOUS MATERIAL MANAGEMENT

- Refueling will happen on a level surface to prevent any spills

## SPILL PREVENTION/MITIGATION

- Spill Kit is kept in truck on site
- At the end of every day a spill tray is placed under any equipment left on site to prevent contamination in case a leaks starts overnight.
- In case of a spill, implement the Spill Response Plan (attached)
- All spills need to be reported immediately to **Spill Reports at 1-867-920-8130**

## SPILL CONTAINMENT GUIDELINES

### Containment of spills on land, water, ice, and snow

#### Spill on Land

##### Dykes

- Create dyke with surrounding soil
- Dykes can be constructed as a perimeter around the spill or built on the down hill slope to contain a spill
- Dyke must be constructed large enough to contain all of the spill
- A tarp may be used at the base to allow spill to pool onto
- Once spill is contained, remove spill by sorbent materials placed into bags or use a pump to pump into barrels

##### Trenches

- Use a shovel, pick axe, loader or excavator to dig a trench
- It is recommended to dig until you reach bedrock or permafrost, in order to have a containment layer
- Use sorbent materials or a pump to clean up spill

**Spill on Water****Booms**

- Release boom from the shore or by boat on a lake or slow moving water, depending on spill location, completely encircle spill with booms. You may use more than one boom
- If spill is in a stream, you may use a boom at an angle to the current
- Spill contained in the circle of the boom, will need to be recovered using sorbent materials and placed into bags or pumped into barrels for proper disposal

**Weirs**

- Place plywood or other materials found on site, across the width of the stream, while allowing water to run underneath, this will stop the migration of the spill downstream
- Once weir is in place and the spill is contained, use sorbent materials, booms or pumps to clean up the spill

**Barriers**

- Make a barrier with netting or fence, attach sorbent material, and place in stream
- Replace sorbent material as soon as it is saturated
- Place used sorbent material into bags for proper disposal

**Spill on Ice****Dykes**

- Collect surrounding snow, compact and form a dyke either around or down hill of the spill
- A tarp may be placed at the base of the dyke for spill to pool on
- The spill can now be cleaned up with sorbent materials or with a pump.

**Trenches**

- You may cut a trench into the ice surrounding the spill or downhill from the spill
- Once spill has been contained, you may use sorbent materials, pumps or mix spill with snow to be able to shovel into bags or barrels for proper disposal

**Burning**

- Only burn when all other options are not feasible
- Must have permission and direction from AANDC or the lead agency inspector

**Spill on Snow****Dykes**

- Use surrounding snow in the area to compact and form a dyke around or downhill from the spill
- A tarp may be placed at the base of the dyke for spill to pool on
- Clean the spill up with sorbent materials or a pump, place in bags or barrels for proper disposal

**Worst Case Scenario**

- If none of the procedures above are feasible for the size, or if the spill is beyond our clean up measures, call an Emergency Response Team with a mobile unit that can clean up the spill with the appropriate equipment



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## **SPILL RESPONSE PLAN**

**Emergency Contacts:** Fire Department (867) 874-2222 or 911  
Police (867) 874-1111 or 911  
Ambulance (867) 874-9333 or 911  
Government Spill Hotline (867) 920-8130  
GNWT Land Use Inspector (867) 874-6994

**Raine Trucking Contacts:** Office (867) 874-6574  
Ryan Patterson (867) 875-8390  
Farrah Froese (867) 874-7950

### **PRODUCT SPILLS**

1. Stop the flow/source of the spill using emergency switch and or turn or close the valves
2. Eliminate ignition sources (engine)
3. Assess the hazards to life, environment, property (what assistance is required)
4. Warn people of the danger/evacuate immediate area if necessary
5. Call fire/police department if warranted
6. Have fire extinguisher ready for immediate use
7. Notify Parks Canada Emergency Line if warranted

### **IMMEDIATELY**

8. Call Raine Trucking Ltd contacts
9. If required, call in spill clean up equipment
10. Contain the spill the best you can using contents of the spill kit and wait for instructions to commence thorough clean up.



## **SPILL KIT SUPPLIES**

- 6.5 Gallon UN/DOT bucket with screw-on lid
- 18 Heavy weight absorbent pads 15" x 18"
- 2 Absorbent 3" x 4' socks
- 1 Pair nitrile gloves
- 2 Disposable bags with tie
- 1 Instruction sheet



# NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR		REPORT TIME		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE #	REPORT NUMBER -
	B OCCURRENCE DATE: MONTH - DAY - YEAR		B OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM THE NAMED LOCATION				REGION <input type="checkbox"/> NT <input type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION	
E	LATITUDE DEGREES          MINUTES          SECONDS		LONGITUDE DEGREES          MINUTES          SECONDS			
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
J	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS					
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE	
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE	
REPORT LINE USE ONLY						
N	RECEIVED AT SPILL LINE BY	POSITION Station operator	EMPLOYER	LOCATION CALLED Yellowknife, NT	REPORT LINE NUMBER (867) 920-8130	
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG/TCMSS <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> AANDC <input type="checkbox"/> NEB <input type="checkbox"/> OTHER: _____			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
AGENCY	CONTACT NAME		CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						