



LAND USE PERMIT APPLICATION FORM

Subsection 19(2) and Schedule 2 of the Mackenzie Valley Land Use Regulations

Use an "x" to indicate which Board the Application is being made to:	Mackenzie Valley Land and Water Board:		Sahtu Land and Water Board:	
	Wek'èezhii Land and Water Board:		Gwich'in Land and Water Board:	

To complete this Form, please refer to the MVLWB Guide to the Land Use Permitting Process (Guide) and fill in the grey fields; attach additional pages if necessary. Please review the following guidance for formatting your Application Package:

- [Document Submission Standards](#)
- [Standard Outline for Management Plans](#)

If applicable, reference the existing or current Land Use Permit file number:			
Use an "x" to indicate if this Application is accompanied by an Application for a Water Licence:	Water Licence – in a non-federal area:		
	Water Licence – in a federal area:		

1. NAME AND CONTACT INFORMATION – APPLICANT

Applicant's Name:	FRED BAILEY (NORTHWIND INDUSTRIES LTD.)		
Position:	VICE PRES		
Mailing Address:	BOX 1130		
Community:	WUUVIA	Telephone:	867-777-2426
Prov/Terr:	NT	Email:	fbailey@northwindltd.ca
Postal Code:	XOE 0T0	Other:	

2. NAME AND CONTACT INFORMATION – APPLICANT'S HEAD OFFICE

Please include a Certificate of Corporate Registration from the Government of the Northwest Territories in your Application Package.

Name:	FRED BAILEY		
Mailing Address:	BOX 1130		
Community:	WUUVIA		
Prov/Terr:	NT	Telephone:	867-777-2426
Postal Code:	XOE 0T0	Email:	fbailey@northwindltd.ca
Field Supervisor:	KENT WARMAN	Other:	

3. NAME AND CONTACT INFORMATION – CONTRACTORS AND SUB-CONTRACTORS

Please include relevant names, responsibilities, and contact information. An additional table should be added for each contractor and subcontractor.

Name:	FRAN BAILEY		
Company Name:	NORTHWIND INDUSTRIES LTD		
Mailing Address:	BOX 1130 INUVIK WT XOE 0T0		
Community:	INUVIK	Telephone:	867-277-2426
Prov/Terr:	WT	Email:	fbailey@northwindtel.ca
Postal Code:	XOE 0T0	Other:	K WHINNING north wind tel. ca

4. LOCATION OF ACTIVITIES

Maps and Geographic Information System (GIS) Data: Attach a map to your Application Package indicating the locations of proposed activities, including waste deposits, watercourses, and water sources. Provide latitude and longitude geographic coordinates of project features, and the maximum and minimum project boundary in degrees, minutes, seconds, or decimal degrees. Attach GIS data to your Application Package, if applicable. Refer to the MVLWB [Guideline for Geographic Information Systems \(GIS\) Submission Standard](#) for providing geographic information.

Minimum latitude:		Maximum latitude:	
Minimum longitude:		Maximum longitude:	

KM 257 QUARRY / KM 235 QUARRY

NTS Map Sheet No.: Provide the map sheet number:

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Land Types: Use an "x" to indicate the type(s) of the land on which the activities are proposed.

Free Hold/ Private:	Commissioner's/ Territorial Lands:	<input checked="" type="checkbox"/> Federal Land:	Municipal Land:
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5. ELIGIBILITY

Please refer to section 18 of the Mackenzie Valley Land Use Regulations. Use an "x" to indicate which one applies.

18(a)(i):	18(a)(ii):	18(a)(iii):	18(b):
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6. RIGHTS AND/OR CONTRACTS TO SUPPORT ELIGIBILITY

Please contact federal, territorial, and Aboriginal governments, and other parties to ensure all appropriate rights, authorizations, permissions, dispositions, and contracts have been obtained or are in the process of being obtained (e.g. mineral exploration rights, quarry permits, licences of occupation, leases, access agreements and authorizations, etc.). List and provide confirmation of other authorizations that relate to your activities; include these to your Application Package (e.g. rights, permits, licences, etc.).

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7. PERMIT TYPE AND CRITERIA

Please refer to sections 4 and 5 of the Mackenzie Valley Land Use Regulations. Use an "x" to indicate which permitting criteria apply:

Type A				Type B				Type C	
4(a)(i):	<input checked="" type="checkbox"/>	4(b)(i):	<input checked="" type="checkbox"/>	5(a)(i):	<input type="checkbox"/>	5(b)(i):	<input type="checkbox"/>	(SLWB and WLWB only):	<input type="checkbox"/>
4(a)(ii):	<input checked="" type="checkbox"/>	4(b)(ii):	<input type="checkbox"/>	5(a)(ii):	<input type="checkbox"/>	5(b)(ii):	<input type="checkbox"/>		
4(a)(iii):	<input type="checkbox"/>	4(b)(iii):	<input type="checkbox"/>	5(a)(iii):	<input type="checkbox"/>				
4(a)(iv):	<input checked="" type="checkbox"/>	4(b)(iv):	<input checked="" type="checkbox"/>	5(a)(iv):	<input type="checkbox"/>				
4(a)(v):	<input type="checkbox"/>			5(a)(v):	<input type="checkbox"/>				
				5(a)(vi):	<input type="checkbox"/>				

8. PROJECT DESCRIPTION

Please include your project description in your Application Package, or for small-scale projects, describe your proposed activities in the grey field provided below. Include the elements identified in subsection 19(3) of the Mackenzie Valley Land Use Regulations, the name and type (e.g., lake, river) of water source(s), and the purpose and quantity of water to be used (rates, volumes (m³/day)). Indicate the total number of hectares to be used in each phase of the project, as well as through the life of the project.

BLASTING FOR AGGREGATE PRODUCTION, AGGREGATE PRODUCTION
& STOCKPILING

9. CAMP

Please describe the proposed camp size and layout. Indicate the number of person-days; explain, with rationale, any variations in the number of people that may be on site over the life of the project.

N/A

10. ROADS AND ACCESSES

Please include detailed information about the construction, location, and decommissioning of any roads and accesses.

Use an "x" to indicate if this is to be a pioneered road or access.	Yes	<input type="checkbox"/>	Use an "x" to indicate if the route has been laid out or ground-truthed.	Yes	<input checked="" type="checkbox"/>
	No	<input checked="" type="checkbox"/>		No	<input type="checkbox"/>

N/A

11. WASTE MANAGEMENT METHODS

Please use the grey fields below to provide or reference the following information:

Waste Management Plan: Include your Waste Management Plan in your Application Package, if applicable, or for small-scale projects, describe the proposed waste management activities in the grey fields provided below. A template for the Plan can be found in the MVLWB [Guidelines for Developing a Waste Management Plan](#).

Waste Type	Management Method(s)
Garbage:	REMOVE DAILY
Sewage (Sanitary and greywater):	N/A
Brush and trees:	N/A
Overburden (Organic soils, waste material, etc.):	N/A

Off-site Disposal: If waste is proposed to be disposed of off-site within the NWT, written confirmation (e.g., an email, letter, etc.) from the facility/facilities indicating they will accept the waste is required. Include it/these in your Application Package.

ALL GARBAGE GENERATED THROUGH ACTIVITIES WILL BE REMOVED & TAKEN TO THE INUVIA SOLID WASTE FACILITY OR DISPOSED OF AT AN APPROVED FACILITY DAILY

12. EQUIPMENT

Please identify the types of equipment proposed to be used.

Number	Type/Description	Size (weight in tonnes)	Proposed use

13. FUEL

Please identify all fuel types proposed to be used.

Type of Fuel	Number of containers	Capacity of containers (e.g., litres, pounds)	Type of container (barrel, tank, tidy-tank)	Proposed storage or staging location(s)
Diesel:	UP TO 4	600	TIDY TANK	DAILY FILL/OUT NO ON-SITE STORAGE
Gasoline:	N/A			
Aviation Fuel:	N/A			
Propane:	N/A			
Other: (describe)	N/A			

14. METHODS OF FUEL TRANSFER

Please describe the proposed methods to transfer fuel.

TINY TANKS IN CREW TRUCKS TO TRANSFER FUEL OVER
DUMP TRUCKS TO EQUIPMENT.

15. SPILL CONTINGENCY PLAN

Please include your Spill Contingency Plan in the Application Package, if applicable, or for small-scale projects, provide relevant details in the grey field provided below. An example of a Plan can be found in the INAC [Guidelines for Spill Contingency Planning](#).

16. PROPOSED TIME SCHEDULE

Indicate the proposed project start and completion dates and the time of year the project activities are planned to occur. Describe any anticipated temporary closure(s) or seasonal shutdowns. Refer to subsections 26(5) and (6) of the Mackenzie Valley Land Use Regulations; indicate the term requested.

Start Date:	NOV 2019	Completion Date:	DEC 2024
Term of Permit Requested:	5 YEARS		

17. POTENTIAL ENVIRONMENTAL IMPACTS OF THE PROJECT AND PROPOSED MITIGATIONS

Please use the grey field below to provide or reference the following information:

Preliminary Screening: Describe all potential impacts and proposed mitigations. This information is used for the preliminary screening of potential impacts from the project and/or to develop conditions for the land use permit. Please indicate whether any of the mitigation measures have been developed as a result of input from affected parties. Additional guidance is provided in [Appendix B of the MVLWB Guide to the Land Use Permitting Process](#), the [Mackenzie Valley Review Board Environmental Impact Assessment Guidelines](#), and the [Mackenzie Valley Review Board Socio-Economic Impact Guidelines](#). Alternatively, if you are seeking an exemption from preliminary screening, provide supporting rationale.

Wildlife Management and Monitoring Plan: Applicants are encouraged to contact the Wildlife Division of the Government of the Northwest Territories – Environment and Natural Resources, prior to applying, to determine whether a Wildlife Management and Monitoring Plan may be needed.

18. CLOSURE AND RECLAMATION

Please use the grey field below to provide or reference the following information:

Closure and Reclamation Plan: Describe your plans for closure and reclamation, including any temporary closure(s) and seasonal shutdowns. Include your Closure and Reclamation Plan in your Application Package, if applicable, or for small-scale projects, describe the proposed activities in the grey field provided below. Please also refer to the MVLWB/AANDC [Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories](#).

Closure Cost Estimate: Prepare a [Closure Cost Estimate](#) and include it in your Application Package. Applicants are encouraged to contact the Board, prior to applying, to determine which closure-cost-estimate template is most suited to the activities being applied for. Guidance is provided in section 2.2 of the MVLWB/INAC/GNWT [Guidelines for Closure and Reclamation Cost Estimates for Mines](#). If your Application is submitted concurrently with a Water Licence Application, please ensure water- and land-related activities and liabilities are provided.

N/A ACTIVE QUARRY, WILL ADHERE TO DEPT OF LANDS
TERMS & CONDITIONS ON QUARRY PERMIT

19. ADDITIONAL SUPPORTING INFORMATION

Please use the grey field below to provide or reference the following information:

Engagement: Conduct engagement, prepare an Engagement Record and Engagement Plan in accordance with the MVLWB [Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits](#), and include them in your Application Package. Templates are provided in the Guidelines. Please also refer to [Information for Proponents on MVLWB's Engagement Requirements](#).

Land Use Planning: Please contact the applicable Land Use Planning Board or Tłıchǫ Government to discuss conformity with the relevant land use plan(s). Attach your Land Use Plan Conformity Table that demonstrates how the project meets the requirements of the Land Use Plan, if applicable.

Traditional (Environmental) Knowledge (TEK/TK): Provision of TEK/TK is mandatory for applications to the Sahtu Land and Water Board. Other applicants are strongly encouraged to include TEK/TK.

Studies Undertaken to Date: Please list any relevant studies that support the proposed activities and include them in your Application Package.

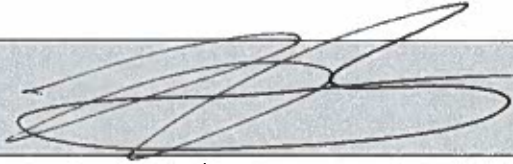
N/A

20. FEES

Please refer to section 20 of the Mackenzie Valley Land Use Regulations.

Type of Fee	Amount (\$)
Application fee:	\$ 150 ⁰⁰
Land-use fees (for federal areas only):	
Total Fees:	\$ 150⁰⁰

21. SIGNATURE

<i>NORTHWIND INDUSTRIES LTD</i> <i>FRED BAILEY</i>	<i>VICE PRES</i>
Applicant's Name (print) or Company Name	Position (print)
	<i>OCT 17, 2019</i>
Signature	Date

Please submit completed applications to the Regulatory Manager or Executive Director at the respective Land and Water Board (www.mvlwb.com, www.wlwb.ca, www.slwb.com, www.glwb.com).

KM 235 & KM251 Quarry SITE SPECIFIC SPILL CONTINGENCY PLAN



**Prepared by:
Northwind Ltd
P.O Box 1130
Inuvik, NT
X0E 0T0
867-777-2426**

**Prepared for:
MacKenzie Valley
Land and Water Board**

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Figure 1: Site location map

Figure 2: Flowchart of response organization

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Table 1: List of hazardous material stored on-site, type and number of storage containers, the normal and maximum storage quantities and storage locations

Table 2: List of hazardous materials, potential discharge events and volumes and direction of flow

Appendices

Appendix B-1: NWT Spill Report Form

Appendix B-2: Immediately Reportable Spill Quantities

1) Introduction and Project Details

Northwind Ltd has prepared this site specific spill contingency plan activities associated with the quarrying and production of aggregates at km 251 Dempster Highway and KM 235 Dempster Highway borrow source locations. This plan demonstrates that Northwind Ltd has appropriate response capabilities and measures in place to effectively address any spills that may occur at this site and access corridor.

i. Company Name, site name, site location and mailing address:

Northwind Industries Ltd.

P.O Box 1130

Inuvik, NT

X0E 0T0

Phone: (867) 777-2426

Fax: (867) 777-3203

fbaily@northwindltd.ca

Attention: Fred Bailey Vice president

ii. Effective date of site specific spill contingency plan:

October 25th, 2019

iii. Last Revisions to the plan:

This is version 1 of Site Specific Spill Contingency Plan for this location.

iv. Distribution List:

The plan and the most recent revisions have/will be distributed to:

Fred Bailey

Vice Pres. Northwind Industries

867-777-2426

Kurt Wainman

President Northwind Industries

867-777-2426

v. Purpose and Scope:

The purpose of this Site Specific Spill Contingency Plan is to outline response actions and mitigation procedures for potential spills of any size and to address commitments made.. This plan will identify key response personnel and their roles and responsibilities in the event of a spill as well as the equipment and other resources available to respond to a spill. It details spill response procedures that will minimize potential health and safety hazards, environmental damage, and clean-up efforts. The plan has been prepared to ensure quick access to all the information required in responding to a spill.

vi. Company Environmental Policy

Northwind Industries is committed to the concept of sustainable development and the protection of the environment and human health. Northwind Industries environmental, health and safety policy is to:

- Protecting employees, the public and the environment
- Fully comply with all applicable legislation, regulations, and authorizations
- Work proactively with federal, territorial, and aboriginal governments, other relevant organizations, and the general public, on all aspects of environmental protection
- Anticipate future spill control requirements and make provision for them
- Keep employees, contractors, inspectors, land and water boards, appropriate governments (Aboriginal, federal and territorial), and the public informed of any changes at the site or project activities.

The plan is presented to all staff during their project, site specific orientation sessions. All employees and contractors are aware of locations of the plan at the site and in the head office in Inuvik. During the orientation meeting, training sessions are scheduled to ensure employees have an understanding of the steps to be undertaken in the event of a spill. All employees and contractors are shown where spill kits are stored, are aware of their contents and are trained in using spill equipment and responding to spills. The company is committed to keeping personnel up to date on the latest technologies and spill response methods.

vii. Project Description

The project activities included quarrying, crushing, and processing of crushed rock aggregates.

- Transportation and placement of quarried material to site
- Blasting to free aggregate material
- Refueling at km 251 and 235 borrow sources
- Demobilization of all equipment at end of project

viii. Site Description:

The site will consist of the lands identified within the borrow source boundaries. There will be no storage of fuel, lubricants or other hazardous materials on these sites. All operations pertaining to the servicing of equipment, refueling etc. will be performed by lube and fuel vehicles dispatched from Northwind Industries Inuvik base location.

ix. Table 1; List of hazardous materials on-site

There is no fuel storage area on site.

Material	Storage Container	Normally On-site	Maximum On-site	Storage Location (see figure 1) and Uses
Diesel Fuel	N/A			
Gasoline	N/A			
Propane	N/A			
Oil (15-40)	N/A			

x. Existing preventative measures:

All hazardous materials arrive to the 251 and 235 borrow sources and associated highway right of way areas by truck throughout the project as required. They are not stored on the site.

Spill kits are located in all Northwind Industries vehicles and equipment. Portable drip trays and appropriately sized fuel transfer hoses with pumps are used when refueling all equipment, to avoid any leaks/drips onto the land.

The project superintendents or designate conducts daily visual inspections to check for leaks or damage to the fuel storage containers, as well as for stained or discoloured areas around the fuel transfer areas and adjacent mobile equipment. Regular maintenance and oil checks of all motorized equipment are also undertaken to avoid preventable leaks.

xi. Additional copies:

Copies of the plan are kept on-site at all times, at the refueling (staging) area. A copy is also held at the NWI head office in Inuvik, GNWT. Additional copies of the plan can be obtained by contacting NWI directly at the phone number, fax or email presented in section 1i).

2) Response Organization

The flow chart depicted in Figure 3 identifies the response organization and when applicable their alternates, as well as the chain of command for responding to a spill or release. The duties of various response personnel are summarized, contact information is provided including 24-hour phone numbers for responsible people and location of communications equipment on site is discussed.

An immediately reportable spill is defined as a release of a substance that is likely to be an imminent environmental or human health hazard or meets or exceeds the volumes outlined in Appendix B-3. It must be reported to the NWT 24-Hour Spill Report Line at 867-920-8130. Any spills less than these quantities do not need to be reported immediately to the spill reporting line. Rather, these minor spills will be tracked and documented by EGT NW and submitted to the appropriate authority either immediately upon request or at a pre-determined reporting interval. If there is any doubt that the quantity spilled exceeds reportable levels, the spill will be reported to the NWT 24-Hour Spill Report Line.

The site is located at or near cell phone reception areas in the event of a spill involving danger to human life these phones can be used to contact emergency response personnel in Inuvik. In addition, all employees and contractors have 2 way radios available to them to communicate to the appropriate superintendent and other staff on site.

Following the reporting of the spill to the superintendent he/she will report spills to the 24-Hour Spill report Line as necessary. The superintendent will also inform the head office for tracking spills in company databases and notify the head office in the event of media enquiries. The 24-hour emergency head office number is 867-678-0045

3) Action Plan

i. Potential spill sizes and sources for each hazardous material on site

In Table 2, a list of potential discharge events, with associated discharge volumes and directions is presented for the primary hazardous materials stored on site. The most likely discharge volume is indicated and the spill clean-up procedures will focus on spills of this quantity. A worst case scenario is also presented. Specific discharge rates are not indicated for each fuel type as these would vary from a few minutes to several hours, based on the source of the leak or puncture.

Table 2: List of hazardous materials, potential discharge events, potential discharge volumes (worst case scenario in brackets) and direction of potential discharge

Material (sources)	Potential Discharge Event	Discharge Volume (worst case)	Direction of Potential Discharge
Diesel Fuel (Heavy Equipment, Pick-ups, light towers, fuel storage tanks)	1. Over filling of fuel from fuel truck or tank 2. Large puncture, fast leaking fuel truck or storage tank. 3. Minor leaking from fuel truck or storage tank.	Likely under 200 L (maximum 600 liters from tidy tank)	Toward stream from fuel storage site. On camp pad (flat ground) potential for underground seepage into land or water course.
Gasoline	1. Overfilling from storage tank. 2. Overfill from small container	Likely under 100 L (maximum 100 L from storage tank)	Toward stream from fuel storage site. On camp pad (flat ground) potential for underground seepage into land or water course.

iii. Procedures:

A. Procedures for initial actions

- Ensure safety of all personnel.
- Assess spill hazards and risks.
- Remove all sources of ignition.
- Stop the spill if safely possible e.g. shut off pump, replace cap, tip drum upward, patch leaking hole. Use the contents of the nearest spill kit to aid in stopping the spill if it is safe to do so. Tyvek suits and chemical master gloves are located in the spill kit and should be worn immediately if there is any risk of being in contact with fuel.
- No matter what the volume is, notify the shift supervisor, or camp manager via 2 way radio (all equipment, vehicles and ground crews have radios available).
- Contain the spill – use contents of spill kits to place sorbent materials on the spill, or use a shovel to dig dike to contain spill. Methods will vary depending on the nature of the spill. See section C for more details.

B. Spill reporting procedures

Report spill immediately to shift supervisor, who will determine if spill is to be reported to the NWT 24-Hour Spill Line at 867-920-8130

Each spill kit, as well as the office of the shift supervisor will have copies of the NWT Spill Report form to be filled out (see appendix B-2). Fill out and fax or email the Spill Report to the staff of the NWT 24-Hour spill line. Also fax or email the report to the company head office.

NWT 24-Hour Spill Line

Phone: (867) 920-8130

Fax: (867) 873-6924

Email: spills@gov.nt.ca

NWI Head Office

Phone: (867) 777-2426

Fax: (867) 777-3203

Phone 24-hour #: (867) 678-0780

Email: fbaily@northwindltd.ca

C. Procedures for containing and controlling the spill (e.g. on land, water, snow, etc.)

- Initiate spill containment by first determining what will be affected by the spill.
- Assess speed and direction of spill and cause of movement (water, wind, and slope)
- Determine best location for containing spill, avoiding any water bodies.
- Have contingency plan ready in case spill worsens beyond control or if the weather or topography impedes containment.

Specific spill containment methods for land, water, ice and snow are outlined below.

1. Containment of Spills on Land

Spills on land include spills on rock, gravel, soil and or vegetation. It is important to note that soil is a natural sorbent, thus spills on soil are generally less serious than spills on water as spills can be more easily recovered. Generally spills on land occur during late spring, summer or fall when snow cover is at a minimum. It is important that all measures be undertaken to avoid spills reaching open water bodies.

Dykes

Dykes can be created using soil surrounding a spill on land. These dykes are constructed around the perimeter or down slope of the spilled fuel. A dyke needs to be built up to a size that will ensure containment of the maximum quantity of fuel that may reach it. A plastic tarp can be placed on and at the base of the dyke such that fuel can pool up and subsequently be removed with sorbent materials or by pump into barrels or bags. If the spill is migrating very slowly a dyke may not be necessary and sorbents can be used to soak up fuels before they migrate away from the source of the spill.

Trenches

Trenches can be dug out to contain spills as long as the top layer of soil is thawed. Shovels, pick axes, or heavy equipment such as a loader, dozer or excavator can be used depending on the size of the trench required. It is recommended that the trench be dug to the bedrock or permafrost, which will then provide containment layer for the spilled fuel. Fuel can then be recovered using a pump, vacuum truck or sorbent material.

2. Containment of Spills on Water

Spills on water such as rivers, streams or lakes are the most serious types of spills as they can negatively impact water quality and aquatic life. All measures need to be undertaken to contain spills on open water.

Booms

Trenches

For significant spills on ice, trenches can be cut into the ice surrounding and/or down slope of the spill such that fuel is allowed to pool in the trench. It can then be removed via pump into barrels, collected with sorbent materials, or mixed with snow and shovelled into barrels or bags.

Burning

Burning should only be considered if other approaches are not feasible, and only to be undertaken with permission of the ILA, AANDC, or other lead agency Inspector.

4. Containment of Spills on Snow

Snow is a natural sorbent, thus as with spills on soil, spilled fuel can be more easily recovered. Generally, small spills on snow can be easily cleaned up by raking and shovelling the contaminated snow into plastic bags or empty barrels, and storing these at an approved location.

Dykes

Dykes can be used to contain fuel spills on snow. By compacting snow down slope from the spill and mounding it to form a dyke, a barrier or berm is created thus helping to contain the spill. If the quantity of spill is fairly large, a plastic tarp can be placed over the dyke such that the spill pools at the base of the dyke. The collected fuel/snow mixture can then be shovelled into barrels or bags, or collected with sorbent materials.

5. Worst Case Scenario

Dealing with spilled fuel which exceeds the freeboard of a dyke or barrier would present a possible worst case scenario for the site. To contain the overflow, a trench or collection pit would have to be created downstream of the spill to contain the overflow.

D. Procedures for transferring, storing, and managing spill related wastes

In most cases, spill cleanups are initiated at the far end of the spill and contained moving towards the center of the spill. Sorbent socks and pads are generally used for small spill cleanup. A pump with attached fuel transfer hose can suction spills from leaking containers or large accumulations on land or ice, and direct these larger quantities into empty drums. Hand tools such as cans, shovels, and rakes are also very effective for small spills or hard to reach areas. Heavy equipment can be used if deemed necessary, and given space and time constraints.

Used sorbent materials are to be placed in plastic bags for future disposal. All materials mentioned in this section are available in the spill kits located in all equipment. Following clean up, any tools or equipment used will be properly washed and decontaminated, or replaced if this is not possible.

For most of the containment procedures outlined in Section C, spilled petroleum products and materials used for containment will be placed into empty waste oil containers and sealed for proper disposal at an approved disposal facility.

E. Procedures for restoring affected areas

Once a spill of reportable size has been contained, EGT NW will consult ILA, AANDC or lead agency Inspector assigned to the file to determine the level of cleanup required. The Inspector may require a site specific study to ensure appropriate clean up levels are met. Criteria that may be considered include natural biodegradation of oil, replacement of soil and revegetation.

4. Resource Inventory

i. **On-site resources**

Spill kits are located in all vehicles working at this site. The contents are described below.

Contents of spill Kits

- 1 Tyvek splash suits
- 4 pairs of chemical master gloves
- 10 large bags with ties for temporary use
- 50-100 oil only mats (16" x 20")
- 5 sorbent socks
- 10 sorbent pads
- 2 large tarps
- 1 roll of duct tape
- 1 utility knife
- 1 instruction binder

ii. **Off-site resources**

All contacts listed below could reach the site in 1 hour minimum. However realistically government officials would not be able to reach the site until the next business day, depending on the severity of the spill.

Northwind Industries Ltd. 24-hour emergency line (NWI)
(867) 678-0780

-NWT 24-Hour Spill Line
(867) 920-8130

-GNWT Environmental Protection Division
(867) 873-7654

-RCMP – Inuvik
(867) 777-1111

-Inuvik Hospital - Inuvik
(867) 777-8000

Appendix B-1:

NT-NU Spill Report Form

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



Canada



REPORT LINE USE ONLY

A	Report Date	Report Time	<input type="checkbox"/> Original Spill Report		Report Number:
	Occurrence Date	Occurrence Time	OR <input type="checkbox"/> Update # _____ to the Original Spill Report		
C	Land Use Permit Number (if applicable)		Vessel License 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 or Ocean
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: <input type="checkbox"/> Potential Spill	Quantity in Litres, Kilograms or Cubic Metres		I. N. Number	
I	Spill Scenario	Spill Location	Area of Contamination in Square Metres		
J	Factors Affecting Spill or Recovery		Describe Any Assistance Received		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	Cellphone:
M	Any Alternate Contact	Position:	Employer:	Alternate Contact Location	Alternate Telephone:

REPORT LINE USE ONLY

N	Received at Spill Line by:	Position:	Employer:	Location Called	Report Line Number:
Lead Agency: <input type="checkbox"/> EC <input type="checkbox"/> CCRC/CSSS <input type="checkbox"/> GNWT <input type="checkbox"/> CN <input type="checkbox"/> IIA			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:					

Appendix B-2: Immediately Reportable Spill Quantities

Reporting Spills | Environment and Natural Resources

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Reporting Spills

In this section

- [Report a spill](#)
- [Reportable Quantities for NWT Spills](#)

Report a spill

You must immediately report a spill to the 24-Hour Spill Report Line:

- Call (867) 920-8130 (collect calls are accepted).
- Fill out the [Spill Report Form \(http://www.enr.gov.nt.ca/en/files/spill-report-form-northwest-territories-nunavut\)](http://www.enr.gov.nt.ca/en/files/spill-report-form-northwest-territories-nunavut) and submitting it by:
 - Fax at (867) 873-6924
 - Email at spills@gov.nt.ca (<mailto:spills@gov.nt.ca>)

The Government of the Northwest Territories maintains a [database of hazardous material spills \(http://www.enr.gov.nt.ca/en/services/spills/hazardous-materials-spill-database\)](http://www.enr.gov.nt.ca/en/services/spills/hazardous-materials-spill-database) reported to the 24-Hour Spill Report Line.

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Reportable Quantities for NWT Spills

Note: L = litre; kg = kilogram; PCB = Polychlorinated Biphenyls; ppm = parts per million

Substance	Reportable Quantity	TDG Class
Explosives	Any amount	1.0
Compressed gas (toxic/corrosive)		2.3/2.4
Infectious substances		6.2

<http://www.enr.gov.nt.ca/en/services/spills/reporting-spills>

5/10/2018

Substance	Reportable Quantity	TDG Class
waste or spent chemicals, used or waste oil, vehicle fluids, wastewater.		
Sour natural gas (i.e., contains H ₂ S)	Uncontrolled release or sustained flow of 10 minutes or more	None
Sweet natural gas		
Flammable liquid	≥ 20 L	3.1/3.2/3.3
Vehicle fluid	When released on a frozen water body that is being used as a working surface	None
Reported releases or potential releases of any size that:	Any amount	None
<ol style="list-style-type: none"> 1. are near or in an open water body; 2. are near or in a designated sensitive environment or habitat; 3. Pose an imminent threat to human health or safety; or 4. Pose an imminent threat to a listed species at risk or its critical habitat 		

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Spills (</en/services/spills>)

- [Reporting Spills \(/en/services/spills/reporting-spills\)](/en/services/spills/reporting-spills)
- [Resources \(/en/services/spills/resources\)](/en/services/spills/resources)
- [Spills Search \(/en/spills\)](/en/spills)

Contact us

Report a spill

24-Hour Spill Report Line

1-867-920-8130

Fax

1-867-873-6924

spills@gov.nt.ca (<mailto:spills@gov.nt.ca>)

Site Specific Spill Contingency Plan



No. C 4149

CERTIFICATE OF INCORPORATION
COMPANIES ACT

CERTIFICAT DE CONSTITUTION
LOI SUR LES COMPAGNIES

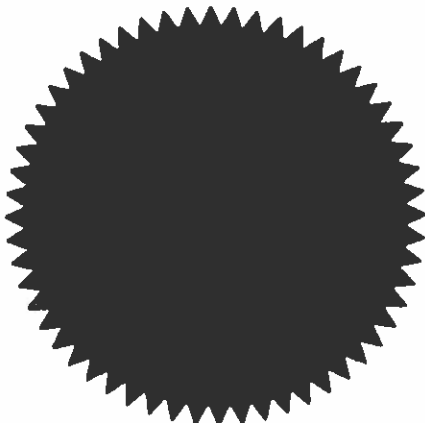
I HEREBY CERTIFY THAT

JE CERTIFIE PAR LA PRÉSENTE QUE

NORTHWIND INDUSTRIES LTD.

is this day incorporated
under the COMPANIES ACT
of the Northwest Territories as a
a limited company.

est ce jour constituée
en société limitée en vertu de
la LOI SUR LES COMPAGNIES des
Territoires du Nord-Ouest.



Dated 1997-07-03
Fait

D/ REGISTRAR OF COMPANIES - REGISTRAIRE DES COMPAGNIES

