



P.O. Box 2018 Inuvik NT. X0E 0T0
Ph. 867 777 4954 Fx. 867 777 2616

LAND USE PERMIT

Permit Class: **A**

Permit No: **G05F001**

Subject to the Mackenzie Valley Land Use Regulations and the terms and conditions of this permit, authority is hereby granted to:

Northwestel Inc.

PERMITTEE

To proceed with the land use operation described in the application of:

Signature: **Glen Bushell**

Date: **January 4, 2005**

Type of Land Use Operation: **Winter Road Construction**

Location: **Charter Community of Tsiigetichic**

This permit may be assigned, extended, discontinued, suspended or cancelled pursuant to the Mackenzie Valley Land Use Regulations.

Dated at Inuvik, NT

Chair 

This 25th

Day of, February

Commencement Date February 25, 2005

Expiry Date February 24, 2007

NOTE

IT IS A CONDITION OF THIS PERMIT THAT THE PERMITTEE COMPLY WITH ANY OTHER APPLICABLE ACT, REGULATION, ORDINANCE, BY-LAW OR ORDER DEFAULT HEREOF MAY RESULT IN SUSPENSION OR CANCELLATION OF THIS PERMIT.



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**CONDITIONS ANNEXED TO AND FORMING PART OF LAND USE PERMIT NUMBER G05F001
 NORTHQWESTEL WINTER ROAD - COMMUNITY OF TSIIGETCHIC**

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26 (1) (a) - LOCATION AND AREA

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| 1.1 | The Permittee shall not conduct this land use operation on any lands not designated in the accepted application, unless otherwise authorized in writing by the Board. | PLANS |
| 1.2 | (a) The Permittee shall offset vehicle travel in areas without a snow covered surface.

(b) The Permittee shall confine the line to a maximum width of ten (10) metres, unless otherwise authorized in writing by a Land Use Inspector. | OFFSET
VEHICLE
TRAVEL |
| 1.3 | The Permittee shall not construct parallel lines or roads unless authorized by the Land Use Inspector. | PARALLEL
ROADS |
| 1.4 | The Permittee shall remove from Territorial Lands, all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material. | REMOVE
WASTE
MATERIAL |
| 1.5 | The Permittee shall locate all lines, trails and rights-of-way to be constructed parallel to streams a minimum of thirty (30) metres from any stream except at crossings, unless otherwise authorized in writing by a Land Use Inspector. | PARALLELING
STREAMS |
| 1.6 | The Permittee shall at all times conform to all applicable Federal, Territorial or local regulations, ordinances or bylaws | CONFORM TO
APPLICABLE |

26 (1) (b) - TIME

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| 2.1 | The Permittee's Field Supervisor shall contact or meet with a Land Use Inspector at the Inuvik office of the Department of Indian Affairs and Northern Development, telephone number (867) 777-3361, at least forty-eight (48) hours prior to the commencement of this land use operation. | CONTACT
INSPECTOR |
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2.2	The Permittee shall advise a Land Use Inspector at least ten (10) days prior to the completion of the land use operation of (a) his plan for removal or storage of equipment and materials, and (b) when final clean-up and restoration of the land used will be completed.	REPORTS BEFORE REMOVAL
2.4	The Permittee shall not conduct any overland movement of equipment or vehicles before 0800 hours local time on November 15, unless otherwise authorized in writing by a Land Use Inspector.	START-UP DATE
2.5	The Permittee shall not conduct any overland movement of equipment and vehicles after 0800 hours local time on April 15, unless otherwise authorized in writing by a Land Use Inspector.	SHUT-DOWN DATE
2.6	The Permittee shall not conduct any overland movement of equipment and vehicles between April 15 and November 15, unless otherwise authorized by a Land Use Inspector.	SHUT-DOWN PERIOD
2.7	The Board, for the purpose of this operation, designates April 15 as spring break-up.	SPRING BREAK-UP
2.8	The Permittee shall remove all ice bridges prior to spring break-up or completion of the land use operation, unless otherwise approved in writing by a Land Use Inspector.	REMOVE ICE BRIDGE
2.9	The Permittee shall remove all snow fills from stream crossings prior to spring break-up or completion of the land use operation, unless otherwise approved in writing by a Land Use Inspector.	REMOVE SNOW FILLS
2.10	The Permittee shall dispose of all brush and timber prior to removal of men or equipment from the land use area.	BRUSH DISPOSAL
2.11	The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this Permit.	CLEAN-UP
2.12	The Board reserves the right to impose closure of any area to the Permittee in periods when dangers to natural resources are severe.	CLOSURE

26 (1) (c) - EQUIPMENT

3.1	The Permittee shall not use any equipment except of the type, size, and number that is listed in the accepted application, unless otherwise authorized in writing by a Land Use Inspector.	ONLY APPROVED EQUIPMENT
3.2	The Permittee shall equip bulldozer blades used in this operation with "mushroom" type shoes or a similar type of device which shall be extended twenty (20) centimetres below the cutting edge	BULLDOZER BLADES AND SHOES

of the blade.

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| 3.3 | The Permittee shall keep all garbage and debris in a covered metal container until disposed of. This container shall be marked with the Permittee's name. | GARBAGE
CONTAINER |
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26 (1) (d) - METHODS AND TECHNIQUES
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| 4.1 | The Permittee shall scout proposed lines and routes to select the best location for crossing streams and avoiding terrain obstacles prior to the movement of any vehicle that exerts pressure on the ground in excess of 35 kPa. | DETOURS AND
CROSSINGS |
| 4.2 | The Permittee shall construct and maintain winter roads with a minimum of Twenty (20) centimetres packed snow at all times during this land use operation. If this cannot be done, then the Permittee shall construct <u>Ice Roads</u> in a manner approved by a Land Use Inspector. | SNOW ROADS/
ICE ROADS |
| 4.3 | The Permittee shall dogleg lines, trails and rights-of-way that approach lakes, streams or public roads, as specified in writing by a Land Use Inspector. | DOGLEG
APPROACHES |

26 (1) (e) - TYPE, LOCATION, CAPACITY AND OPERATION OF FACILITIES
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| 5.6 | The Permittee shall ensure that the land use area is kept clean and tidy at all times. | CLEAN
WORK AREA |
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26 (1) (f) - CONTROL OR PREVENTION OF FLOODING, EROSION AND SUBSIDENCE OF LAND

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| 6.1 | The Permittee shall remove any obstruction to natural drainage caused by any part of this land use operation. | NATURAL
DRAINAGE |
| 6.2 | The Permittee shall not cut any stream bank, unless authorized in writing by a Land Use Inspector. | STREAM
BANKS |
| 6.3 | The Permittee shall not use any material other than water or snow in the construction of ice bridges. | ICE BRIDGE
MATERIAL |
| 6.4 | The Permittee shall not allow any ice bridge to hinder the flow of water in any stream. | ICE BRIDGE |
| 6.5 | The Permittee shall remove snow fills in stream crossings as the land use operation progresses, unless otherwise authorized in writing by a Land Use Inspector. | REMOVE
WATER
CROSSINGS |
| 6.6 | The Permittee shall install erosion control structures as the land use operation progresses, unless otherwise authorized by a Land Use Inspector. | EROSION
CONTROL |

6.7	The Permittee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.	VEHICLE MOVEMENT FREEZE-UP
6.8	The Permittee shall suspend overland travel of equipment or vehicles if rutting occurs.	SUSPEND OVER- LAND TRAVEL
6.9	The Permittee shall place the trees and debris in a windrow on the downhill side of the clearing.	WINDROW PLACEMENT
6.10	The Permittee shall establish vegetation on all areas stripped of vegetation during this land use operation to a minimum of seventy per cent (70%) ground cover, unless otherwise authorized in writing by the Land Use Inspector.	REVEGETATE STRIPPED AREA
6.11	The Permittee shall apply grass seed and fertilizer to areas designated in writing by a Land Use Inspector.	REPLANT DESIGNATED AREAS

26 (1) (g) - USE, STORAGE, HANDLING AND DISPOSAL, OF CHEMICAL OR TOXIC MATERIAL
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7.1	The Permittee shall remove all garbage and debris from the area of the land use operation to a disposal site approved as directed by a Land Use Inspector.	REMOVE GARBAGE
7.2	The Permittee shall dispose of all toxic or persistent substances in a manner as approved in writing by the Land Use Inspector.	WASTE CHEMICAL DISPOSAL
7.3	The Permittee shall report all spills immediately in accordance with instructions contained in "Spill Report" form N.W.T. 1086 (10/79). 24 hour Spill Report Line (403) 920-8130.	REPORT CHEMICAL AND PETROLEUM SPILLS

26 (1) (h) - WILDLIFE AND FISHERIES HABITAT
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8.1	The Permittee shall not unnecessarily damage wildlife habitat in conducting this land use operation.	HABITAT DAMAGE
8.2	The Permittee shall not obstruct the movement of fish while conducting this land use operation.	FREE FISH MOVEMENT
8.3	The Permittee shall not destroy or damage beaver dams.	BEAVER DAMS
8.4	The Permittee shall not destroy or damage muskrat lodges.	MUSKRAT LODGES

8.5	The Permittee shall not in any circumstances deposit or allow the deposit of any deleterious substances (including but not limited to fuels, lubricants, hydraulics and coolants) of any type into waters or any place under any condition where the deleterious substances may enter any waters	DEPOSITING DELETERIOUS SUBSTANCES
8.6	The Permittee shall screen all water intakes from fish bearing water to Exclude fish in accordance with DFO requirements	WATER SCREENS

26 (1) (j) HISTORICAL/ ARCHAEOLOGICAL SITES
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9.1	The Permittee shall not operate any vehicle within one hundred (100) metres of a known or suspected archeological site.	VEHICLE OPERATION
9.2	The Permittee shall not remove, disturb or displace any archeological specimen or site	DISTURB OR DISPLACE
9.3	The permittee shall contact the Board and the PWNHC should an archeological site or specimen be encountered by any land use activity	CONTACTS
9.4	The Permittee shall immediately cease any activity that disturbs an archeological or historical site, encountered during the course of a land use operation: until permitted to proceed with the authorization of the board	STOP LAND USE ACTIVITY

26 (1) (k) - OBJECTS AND PLACES OF RECREATIONAL, SCENIC AND ECOLOGICAL VALUE

10.1	The Permittee shall not feed wildlife.	NO FEEDING WILDLIFE
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26 (1) (m) - PETROLEUM FUEL STORAGE
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11.1	The Permittee shall not place any petroleum fuel storage containers within thirty (30) metres of the normal high water mark of any stream.	FUEL BY STREAM
11.2	The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies.	FUEL CONTAINMENT

26 (1) (n) - DEBRIS AND BRUSH DISPOSAL

12.1	The Permittee shall ensure that windrows are separated from standing timber.	WINDROWS/ LOCATION
12.2	The Permittee shall progressively complete disposal of all debris and brush.	PROGRESSIVE DISPOSAL

26 (1) (p) (q) - MATTERS NOT INCONSISTENT WITH THE REGULATIONS

13.1	The Permittee shall keep on hand, at all times during this land use operation, a copy of the Land Use Permit.	COPY OF PERMIT
13.2	The Permittee shall provide in writing to the Land Use Inspector, at least forty-eight (48) hours prior to commencement of this land use operation, the following information: (a) person, or persons, in charge of the field operation to whom notices, orders, and reports may be served; (b) alternates; (c) all the indirect methods for contacting the above person(s).	IDENTIFY AGENT
13.4	The Permittee shall, while preparing the access road, make every effort to avoid covering or destroying traps or snares that may be found along these routes.	TRAPS PROTECTION
13.5	The Permittee shall restore any trails used by trappers or hunters along access routes by slashing any and all trees that may fall across these paths or trails and by removing any other obstructions such as snow piles or debris that may be pushed across the trails.	TRAILS RESTORATION
13.6	The Permittee shall submit to the Board a contingency plan, for chemical and petroleum spills, for use during the construction and operation of the winter road.	CONTINGENCY PLAN
13.7	The Permittee shall ensure that a copy of this permit, operating conditions and definitions is provided to and understood by all the contractors and sub-contractors prior to the start up of this land use operation	PERMIT CONTRACTORS & SUB-CONTRACTORS
13.9	The Permittee shall apply grass seed and fertilizer to areas designated, in writing, by a Land Use Inspector	REPLANT DESIGNATED AREAS