



Gwich'in Land and Water Board

Box 2018 Inuvik NT X0E 0T0

PH (867) 777-7960 FX (867) 777-7970

www.glwb.com

LAND USE PERMIT

Permit Class: A

Permit No: G05X008

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

GNWT Department of Transportation

PERMITTEE

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

Signature: **Arvind Vashishtha**

Date: **September 14, 2005**

Type of Land Use Operation: **Miscellaneous (Quarry Clean-Up)**

Location: **Lat. 67°10'45.8" & Lon. -135°49'22.7", km 24 Dempster Highway**

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

Dated at **Inuvik, NT**

Chair 

This **14th**

Day of, **October 2005**

Commencement Date **October 14, 2005**

Expiry Date **September 30, 2006**

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.

**CONDITIONS ATTACHED TO AND FORMING PART OF LAND USE PERMIT
NUMBER: G05X008 – Quarry Clean-Up**

APPLICANT: Department of Transportation

LOCATION: KM 24 of the Dempster Highway

1.0 26 (1) (a) - LOCATION AND AREA OF LANDS

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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 | The Permittee shall not conduct any part of the land use operation within three hundred (300) metres of any privately owned land or structure, unless otherwise authorized in writing by the Board. | PRIVATE
PROPERTY |
| 1.3 | (a) The Permittee shall offset vehicle travel in areas without snow covered surface.

(b) The Permittee shall confine the line to a maximum of eight (8) metres unless otherwise authorized in writing by a Land Use Inspector. | OFFSET
VEHICLE
TRAVEL |
| 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 not construct an adit or drillsite within thirty (30) metres of the normal high water mark of a stream unless approval in writing is obtained from the Engineer. | LOCATION
OF ADITS &
DRILLSITES |
| 1.6 | The Permittee shall, where practical, 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 |
| 1.7 | The Permittee shall at all times conform to all applicable Federal, Territorial or local regulations, ordinances or bylaws, and comprehensive land claim agreements. | CONFORM TO
APPLICABLE
LAWS |

2.0 26 (1) (b) - TIMES OF THE LAND USE OPERATION

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| 2.1 | The Permittee's Field Supervisor shall contact or meet with a Land Use Inspector, telephone number (867) 777- 3361, at least forty-eight (48) hours prior to the commencement of this land use operation. | CONTACT
INSPECTOR |
| 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 | REPORTS
BEFORE |

	plan for removal or storage of equipment and materials, and (b) when final clean-up and restoration of the lands used will be completed.	REMOVAL
2.3	The Permittee shall commence and foster re-vegetation on all parts of the land used, as may be directed by a Land Use Inspector, within one year of the completion of the land use operation.	RE-ESTABLISH VEGETATION
2.4	The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this Permit.	CLEAN-UP
2.3	The Board reserves the right to impose closure of any area to the Permittee in periods when dangers to natural resources are severe.	CLOSURE
2.4	This permit is valid only when the Permittee is in possession of a valid access authorization from the Department of Indian & Northern Affairs.	EXPIRY DATE

3.0	26 (1) (c) - TYPE AND SIZE OF EQUIPMENT
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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
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4.0	26 (1) (d) - METHODS AND TECHNIQUES
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4.1	The Permittee shall plug all bore holes as the land use operation progresses.	PLUG HOLES
4.2	The Permittee shall refill and restore bore hole craters as the land use operation progresses	REFILL CRATERS
4.3	The Permittee shall replace all excavated material from the test pits prior to the expiry of this permit.	TEST PITS
4.4	The Permittee shall not clear areas larger than specified in the permit.	MINIMIZE AREA CLEARED
4.5	The Permittee shall adhere to all mitigation measures outlined and accepted in the application.	MITIGATION MEASURES

5.0	26 (1) (e) - TYPE, LOCATION, CAPACITY AND OPERATION OF FACILITIES
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5.1	The Permittee shall ensure that the land use area is kept clean and tidy at all times.	CLEAN WORK AREA
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6.0	26 (1) (f) - CONTROL OR PREVENTION OF FLOODING, EROSION AND SUBSIDENCE OF LAND
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6.1	(a) The Permittee shall, where flowing water from bore holes is encountered, plug the bore hole in such a manner as to	PLUG ARTESIAN
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	permanently prevent any further outflow of water.	WELLS
	(b) The artesian occurrence shall be reported to the Board within forty-eight (48) hours.	
6.2	The Permittee shall remove any obstruction to natural drainage caused by any part of this land use operation.	NATURAL DRAINAGE
6.3	The Permittee shall not construct interceptor or off-shoot drainage ditches, unless approved in writing by the Land Use Inspector.	DITCHES
6.4	The Permittee shall detour around all sand hills, unless otherwise authorized in writing by a Land Use Inspector.	AVOID SAND HILLS
6.5	The Permittee shall establish vegetation on all areas stripped of vegetation during this land use operation to a minimum of seventy (70) percent ground cover unless otherwise authorized in writing by the Board.	REVEGETATE STRIPPED AREA
6.6	The Permittee shall apply grass seed and fertilizer to areas designated in writing by a Land Use Inspector.	REPLANT DESIGNATED AREAS
6.7	The Permittee when clearing land shall:	SAVE VEGETATION
	(a) Save all vegetation removed from the land use area.	
	(b) Place the vegetation over the land use area prior to expiry of the land use permit.	
6.8	The Permittee shall save the organic soil stripped from the excavation area.	SAVE ORGANIC SOIL
6.9	The Permittee shall place the organic soil over the disturbed area prior to the expiry date of this permit.	PLACE ORGANIC SOIL
7.0	26 (1) (g) - USE, STORAGE, HANDLING AND DISPOSAL OF CHEMICAL OR TOXIC MATERIAL	
7.1	The Permittee shall not use chemicals in connection with the land use operation without the prior approval of the Board.	APPROVAL OF CHEMICALS
7.2	The Permittee shall not use the following materials during the drilling operation without the prior written approval of the board:	PROHIBITED CHEMICALS
	Chlorinated phenols (Dowicide B, etc.)	
	Compounds composed primarily of heavy metals	
	Asbestos	
7.3	The Permittee shall dispose of all combustible waste petroleum products by removal.	WASTE PETROLEUM

		DISPOSAL
7.4	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
8.0	26 (1) (h) - PROTECTION OF WILDLIFE HABITAT AND FISHERIES	
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 detonate explosives within thirty (30) metres of any body of water, which is not completely frozen to the bottom.	EXPLOSIVES WATER
8.6	Your operation is in an area, where bears may be encountered. Proper food handling and garbage disposal procedures will lessen the likelihood of bears being attracted to your operation. Information about the latest bear detection and deterrent techniques can be obtained from the Department of Renewable Resources at (867) 777-7308.	BEAR/MAN CONFLICT
8.7	The Permittee shall not feed wildlife.	NO FEEDING WILDLIFE
9.0	26 (1) (i) - STORAGE, HANDLING AND DISPOSAL OF REFUSE OR SEWAGE	
9.1	The Permittee shall remove all garbage and debris from the land use area to a disposal site approved in writing by a Land Use Inspector.	REMOVE GARBAGE
10.0	26 (1) (j) - PROTECTION OF HISTORICAL AND ARCHEOLOGICAL SITES AND BURIAL GROUNDS	
10.1	The Permittee shall immediately cease any activity that disturbs an archaeological 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
10.2	The Permittee shall contact the Board should an archaeological site or specimen be encountered or disturbed by any land use activity.	CONTACTS
10.3	The Permittee shall not remove, disturb or displace any archaeological specimen or site.	DISTURB OR DISPLACE
10.4	The Permittee shall not operate any vehicle within one hundred (100)	VEHICLE

metres of a known or suspected archaeological site.

OPERATION

11.0 26 (1) (k) - PROTECTION OF OBJECTS AND PLACES OF RECREATIONAL, SCENIC OR ECOLOGICAL VALUE

12.0 26 (1) (l) - POSTING OF A SECURITY

13.0 26 (1) (m) - THE ESTABLISHMENT OF PETROLEUM STORAGE FACILITIES

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| 13.1 | The Permittee shall locate mobile fuel facilities on land when stationary for any period of time exceeding twelve (12) hours. | FUEL ON
LAND |
| 13.2 | The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies. | FUEL
CONTAINMENT |
| 13.3 | The Permittee shall:

(a) examine all fuel storage containers for leaks a minimum of once every day.

(b) repair all leaks immediately. | CHECK
FOR
LEAKS |
| 13.15 | The Permittee shall seal all container outlets except the outlet currently in use. | SEAL
OUTLET |
| 13.16 | The Permittee shall mark all fuel containers with the Permittee's name. This includes fortyfive (45) gallon drums. | MARK
CONTAINERS |
| 13.2 | The Permittee shall at all times have on site sufficient spill clean-up equipment and material in readiness to clean-up all hazardous material which may be spilled. | OIL SPILL
CLEAN-UP
EQUIPMENT |

14.0 26 (1) (n) - METHODS AND TECHNIQUES OF DEBRIS AND BRUSH DISPOSAL

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| 14.1 | The Permittee shall progressively complete disposal of all debris and brush. | PROGRESSIVE
DISPOSAL |
| 14.2 | The Permittee shall carry out total disposal of debris and brush in all areas visible from public roads and/or navigable waterways unless otherwise authorized in writing by a Land Use Inspector. | PUBLIC
VIEW
AREAS |

15.0 26 (1) (o) - THE RESTORATION OF LANDS

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| 15.1 | The Permittee shall establish vegetation on all areas stripped of vegetation during this land use operation to a minimum of seventy (70) percent ground cover unless otherwise authorized in writing by the board. | REVEGETATE
STRIPPED
AREA |
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15.2	The Permittee shall apply grass seed, of a species native to the area, and fertilizer to areas designated in writing by a Land Use Inspector.	REPLANT DESIGNATED AREAS
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16.0	26 (1) (p) - PERMITS AND PERMIT NUMBERS
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16.1	The Permittee shall keep on hand, at all times during this land use operation, a copy of the Land Use Permit.	COPY OF PERMIT
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16.2	The Permittee shall provide in writing to the Board at least forty-eight (48) hours prior to commencement of this land use operation, the following information:	IDENTIFY AGENT
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(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).

16.3	The Permittee shall ensure that a copy of this Permit, operating conditions and definitions is provided to and understood by all contractors and sub-contractors prior to the start-up of this land use operation.	PERMIT CONTRACTORS & SUB- CONTRACTORS
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17.0	26 (1) (q) - MATTERS NOT INCONSISTENT WITH THE REGULATIONS
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17.1	The Permittee shall, while conducting the operation, make every effort to avoid covering or destroying traps or snares that may be found.	TRAPS PROTECTION
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17.2	The Permittee shall ensure that all personnel on site minimize disturbance and/or contact with species at risk, native to the area, during the land use operation. (Species classified under this category include the Peregrine Falcon – tundrius subspecies, Grizzly and Wolverine.)	SPECIES AT RISK
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17.3	The Permittee shall prepare and keep on site a spill contingency plan that outlines a clear path of response in the event of a fuel spill.	SPILL CONTINGENCY PLAN
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17.4	The Permittee shall ensure that any chemicals, fuels or wastes associated with the land use operation do not enter waters frequented by fish.	PROTECT FISH HABITAT
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