



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

LAND USE PERMIT

Permit Class: A

Permit No: **G05Q004**

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: **Feb 23/05**

Type of Land Use Operation: **Quarry Operations**

Location: **KM 13.2 & 18.4 of the 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 **1st**

Day of, **April 2005.**

Commencement Date **April 1, 2005.**

Expiry Date **March 31, 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.

**CONDITIONS ATTACHED TO AND FORMING PART OF LAND USE PERMIT
NUMBER: G05Q004 – Quarrying Operations**

APPLICANT: Department of Transportation

LOCATION: KM 13.2 and 18.4 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 | The Permittee shall only stockpile in areas designated by a LAND USE INSPECTOR . | DESIGNATED
AREA |
| 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 | This permit expires two (2) years from the date of issuance or when the Permittee is NOT in possession of a valid access authorization from the Department of Indian & Northern Affairs. | EXPIRY DATE |

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

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| 2.1 | The Permittee's Field Supervisor shall contact the DIAND 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) the Permittee's plan for removal or storage of equipment and materials, and (b) when final clean-up and restoration of the land used has been completed. | REPORTS
BEFORE
REMOVAL |
| 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 | The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this Permit. | CLEAN-UP |

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 | Stripping of overburden must be approved by a LAND USE INSPECTOR prior to commencement of the quarrying operation. | STRIPPING OF
OVERBURDEN |
| 4.2 | The Permittee shall slope the sides of excavations and embankments except in solid rock to two (2) horizontal to one (1) vertical, unless otherwise authorized in writing by a LAND USE INSPECTOR. | EXCAVATIONS
AND
EMBANKMENTS |
| 4.3 | The Permittee shall slope the sides of waste material piles to a gradient specified in writing by a LAND USE INSPECTOR | WASTE
MATERIAL |
| 4.4 | The Permittee shall dispose of all overburden as instructed in writing by the Land Use Inspector. | DISPOSAL OF
OVERBURDEN |

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 | 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 install erosion control structures as the land use operation progresses, unless otherwise authorized by a LAND USE INSPECTOR . | EROSION
CONTROL |
| 6.3 | The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface. | PREVENTION
OF RUTTING |
| 6.4 | The Permittee shall save the organic soil stripped from the excavation area. | SAVE
ORGANIC SOIL |
| 6.5 | The Permittee shall not construct interceptor or off-shoot drainage ditches, unless approved in writing by the Land Use Inspector. | DITCHES |
| 6.6 | 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

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| 7.1 | The Permittee shall dispose of all combustible waste petroleum products by incineration or removal. | WASTE
PETROLEUM
DISPOSAL |
| 7.2 | 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 |
| 7.3 | The Permittee shall remove all garbage and debris from the area of the land use operation to a disposal site approved in writing by a LAND USE INSPECTOR . | REMOVE
GARBAGE |
| 7.4 | The Permittee shall not use chemicals in connection with the land use operation without the prior approval of the Engineer. | APPROVAL
OF CHEMICALS |

8.0 26 (1) (h) - PROTECTION OF WILDLIFE HABITAT AND FISHERIES

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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 quarry to a depth below that of the water table. Do not quarry below existing pit floor. | QUARRY
DEPTH |
| 8.3 | 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 |
| 8.5 | The Permittee shall use culverts of a size that will ensure the velocity of the stream flow is not increased. | CULVERTS/SIZE |
| 8.6 | The Permittee shall place the bottoms of all culverts installed in streams inhabited by fish at a level that maintains the natural contour of the stream. | CULVERT
INSTALLATION |

9.0 26 (1) (i) - STORAGE, HANDLING AND DISPOSAL OF REFUSE OR SEWAGE

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| 9.1 | The Permittee shall not allow petroleum products to spread to surrounding lands or into water bodies. | FUEL
CONTAINMENT |
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10.0 26 (1) (j) - PROTECTION OF HISTORICAL AND ARCHEOLOGICAL SITES AND BURIAL GROUNDS

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

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

14.1 The Permittee shall progressively complete disposal of all debris and brush. **PROGRESSIVE DISPOSAL**

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

16.1 26 (1) (p) - DISPLAY OF PERMITS AND PERMIT NUMBERS

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**

17.0 26 (1) (q) - MATTERS NOT INCONSISTENT WITH THE REGULATIONS

17.1 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: **IDENTIFY AGENT**

- (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).

17.2 The Permittee shall conspicuously display the Land Use Permit number on all vehicles and equipment. **DISPLAY PERMIT NUMBER**