

## Conditions Annexed to and Forming Part of Land Use Permit # MV2012S0019

### Part A: Scope of Permit

1. This Permit entitles Aboriginal Affairs and Northern Development Canada to conduct the following activities:
  - a) Geotechnical drilling and investigation program
  - b) Soils Testing

All activities are to take place within the following area:

62° 28' 54" N, 114° 19' 12" W and 62° 32' 38" N, 114° 22' 34" W

2. The Permit is issued subject to the conditions contained herein with respect to the use of land for the activities and area identified in Part A, item 1 of this Permit.
3. Compliance with the terms and conditions of this Permit does not absolve the Permittee from the responsibility for compliance with the requirements of all applicable federal, territorial, and municipal legislation.

### Part B: Definitions

**“Act”** means the *Mackenzie Valley Resource Management Act*.

**“Board”** means the Mackenzie Valley Land and Water Board established under Part 4 of the *Mackenzie Valley Resource Management Act*.

**“Drill Waste”** means all materials or chemicals, solid or liquid, associated with the drilling of boreholes and includes borehole cuttings.

**“Inspector”** means an Inspector designated by the Minister under the *Mackenzie Valley Resource Management Act*.

**“Sewage”** means all toilet wastes and Greywater.

**“Watercourse”** means a natural body of flowing or standing water or an area occupied by water during part of the year, and includes streams, swamps and gulches but does not include groundwater.

**Part C: Conditions Applying to All Activities (the headings correspond to subsection 26(1) of the Mackenzie Valley Land Use Regulations)**

**26(1)(a) Location and area**

- |    |  |                           |
|----|--|---------------------------|
| 1. | The Permittee shall not conduct this land use operation on any lands not designated in the accepted application.   | LOCATION OF<br>ACTIVITIES |
| 2. | The Permittee shall all submit drill target and soils testing locations to an Inspector and the Board on a monthly basis during any periods of active drilling or soil test pitting. | DRILL<br>LOCATIONS        |

**26(1)(b) Time**

- |    |   |                              |
|----|---|------------------------------|
| 3. | The Permittee shall provide in writing to an Inspector, at least forty-eight (48) hours prior to commencement of this land use operation, the following information:<br>(a) person, or persons, in charge of the field operation;<br>(b) alternates; and<br>(c) all methods for contacting the above person(s). | IDENTIFY AGENT               |
| 4. | The Permittee shall advise an Inspector at least ten (10) days prior to the completion of the land use operation of: (a) the plan for removal or storage of equipment and materials, and (b) when final clean-up and reclamation of the land used will be completed.  | REPORTS<br>BEFORE<br>REMOVAL |

**26(1)(c) Type and size of equipment**

- |    |  |                               |
|----|--|-------------------------------|
| 5. | The Permittee shall not use any equipment except of a similar type, size, and number listed in the accepted application. | ONLY<br>APPROVED<br>EQUIPMENT |
|----|--|-------------------------------|

**26(1)(d) Methods and techniques**

- |    |   |                             |
|----|---|-----------------------------|
| 6. | The Permittee shall not clear areas larger than identified in the accepted application dated.   | MINIMIZE AREA<br>CLEARED    |
| 7. | The Permittee shall plug all boreholes as the land use operation progresses.  | PLUG HOLES                  |
| 8. | The Permittee shall cap each drill casing immediately upon completion of drilling, unless delayed capping of the drill casing is authorized in writing by an Inspector. | SEALING OF<br>DRILL CASINGS |
| 9. | The Permittee shall replace all excavated material from any test pits prior to the expiry of this Permit, unless otherwise authorized in writing by an Inspector.       | TEST PITS                   |

**26(1)(e) Type, location, capacity, and operation of all facilities**

- |     |   |                    |
|-----|---|--------------------|
| 10. | The Permittee shall ensure that the land use area is kept clean at all times. | CLEAN WORK<br>AREA |
|-----|---|--------------------|

**26(1)(f) Control or prevention of ponding of water, flooding, erosion, slides, and subsidence of land**

- |     |   |                                   |
|-----|---|-----------------------------------|
| 11. | The land use operation shall not cause obstruction to any natural drainage.   | NATURAL<br>DRAINAGE               |
| 12. | The Permittee shall, where flowing water from bore holes is encountered, (1) plug the bore hole in such a manner as to permanently prevent any further outflow of water; and (2) report the artesian occurrence to the Inspector immediately. | PLUG ARTESIAN<br>WELLS            |
| 13. | The Permittee shall not remove vegetation or soil, or operate heavy equipment within 100 meters of any Watercourse, except as described in the accepted application.  | HABITAT<br>DAMAGE                 |
| 14. | The Permittee shall not conduct off-road vehicle travel in areas without snow-covered surfaces.   | OFF-ROAD<br>VEHICLE<br>TRAVEL     |
| 15. | The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface.  | PREVENTION OF<br>RUTTING          |
| 16. | The Permittee shall suspend overland travel of equipment or vehicles at the first sign of rutting.  | SUSPEND<br>OVERLAND<br>TRAVEL     |
| 17. | 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<br>MOVEMENT<br>FREEZE-UP  |
| 18. | The Permittee shall implement erosion control measures as the land use operation progresses.  | PROGRESSIVE<br>EROSION<br>CONTROL |

**26(1)(g) Use, storage, handling, and ultimate disposal of any chemical or toxic material**

- |     |  |  |
|-----|--|--|
| 19. | The Permittee shall not use any drilling fluids, muds, or additives that were not identified in the accepted application, unless the MSDS sheets are provided to the Board and usage of the chemical(s) is authorized in writing by the Board. | APPROVAL OF<br>CHEMICALS -<br>DRILLING |
| 20. | The Permittee shall remove all drill waste containing TOXIC or persistent chemical additives as described in the approved Waste Management Plan.   | DRILL WASTE<br>DISPOSAL                |

- |  |  |   |
|--|--|---|
| 21.  | The Permittee shall not allow any drilling waste to spread to the surrounding lands or watercourses.   | DRILL WASTE<br>CONTAINMENT                    |
| 22.  | The Permittee shall report all spills immediately to the 24 hour Spill Report Line (867) 920-8130 in accordance with instructions contained in "NT-NU Spill Report" form.  | REPORT<br>CHEMICAL AND<br>PETROLEUM<br>SPILLS |
| 23.  | The Permittee shall dispose of all toxic or persistent substances as described in the approved Waste Management Plan.  | WASTE<br>CHEMICAL<br>DISPOSAL                 |
| 24.  | The Permittee shall dispose of all waste petroleum products as described in the approved Waste Management Plan.  | WASTE<br>PETROLEUM<br>DISPOSAL                |
| <b>26(1)(h) Wildlife and fish habitat</b>                                  |  |   |
| 25.  | The Permittee shall take all reasonable measures to prevent damage to wildlife and fish habitat during this land use operation.  | HABITAT<br>DAMAGE                             |
| 26.  | If migratory birds or their nesting areas or any species at risk are encountered during the course of operations, the Permittee is to minimize all activity so as to not disturb these species.  | MINIMIZE<br>ACTIVITY                          |
| 27.  | The Permittee shall not destroy or damage beaver dams.   | BEAVER DAMS                                   |
| 28.  | The Permittee shall not destroy or damage beaver lodges.   | BEAVER<br>LODGES                              |
| 29.  | The Permittee shall use food handling and garbage disposal procedures that do not attract wildlife.  | WILDLIFE/<br>HUMAN<br>CONFLICT                |
| 30.  | The Permittee shall not obstruct the movement of fish while conducting this land use operation.  | FREE FISH<br>MOVEMENT                         |
| <b>26(1)(i) Storage, handling, and disposal of refuse or Sewage</b>        |  |   |
| 31.  | The Permittee shall dispose of all garbage, waste, and debris as described in the approved Waste Management Plan, unless otherwise authorized in writing by an Inspector.  | REMOVE<br>GARBAGE                             |
| 32.  | The Permittee shall adhere to the approved Waste Management Plan and shall annually review the Plan and make any necessary revisions to reflect changes in operations, technology, chemicals or fuels. Revisions to the Plan shall be submitted to the Board for approval. | WASTE<br>MANAGEMENT                           |
| <b>26(1)(j) Protection of historical, archaeological, and burial sites</b> |  |   |
| 33.  | The Permittee shall not knowingly remove, disturb, or displace any archaeological specimen or site.  | SITE<br>DISTURBANCE                           |
| 34.  | The Permittee shall, where a suspected archaeological or historical site, or burial ground is discovered: (1) immediately suspend operations   | SITE<br>DISCOVERY AND                         |

on the site; and (2) notify the Board at (867) 669-0506 or an Inspector at (867) 669-XXXX, and the Prince of Wales Northern Heritage Centre at (867) 920-6182 or 873-7688.

NOTIFICATION

**26(1)(k) Objects and places of recreational, scenic, and ecological value.**

*Intentionally left blank*

**26(1)(l) Security deposit**

35. All costs to remediate the area under this permit are the responsibility of the Permittee.

RESPONSIBILITY  
FOR  
REMEDATION  
COSTS

**26(1)(m) Fuel storage**

36. The Permittee shall not allow petroleum products to spread to surrounding lands or Watercourses.
37. The Permittee shall adhere to the approved Spill Contingency Plan and shall annually review the Plan and make any necessary revisions to reflect changes in operations, technology, chemicals or fuels. Revisions to the Plan shall be submitted to the Board for approval.
38. The Permittee shall ensure that spill-response equipment is in place, prior to commencement of operations, to respond to any potential spills.

FUEL  
CONTAINMENT

SPILL  
CONTINGENCY  
PLAN

SPILL  
RESPONSE

**26(1)(n) Methods and techniques for debris and brush removal**

39. The Permittee shall progressively dispose of all brush and trees, and shall complete all disposals prior to the expiry date of this permit.

BRUSH  
DISPOSAL/ TIME

**26(1)(o) Restoration of the lands**

40. The Permittee shall carry out Progressive Reclamation of disturbed areas as soon as practical.
41. The Permittee shall complete all clean-up and restoration of the lands used prior to the expiry date of this Permit.

PROGRESSIVE  
RECLAMATION

FINAL CLEAN UP  
AND  
RESTORATION

**26(1)(p) Display of permits and permit numbers**

42. The Permittee shall keep on hand, at all times during this land use operation, a copy of the Land Use Permit.

COPY OF  
PERMIT

**26(1)(q) Matters not inconsistent with the regulations**

43. The Permittee shall ensure that all persons working under the authority

NOTIFICATION  
TO ALL

of this Permit are aware of and will adhere to the conditions as stated in this Permit.

EMPLOYEES/  
CONTRACTORS

44. The Permittee shall not remove any material from below the ordinary high water mark of any water body.

WORK IN WATER  
BODIES

DRAFT