

Conditions Annexed to and Forming Part of Land Use Permit # MV2018A0022

Part A: Scope of Permit

1. This Permit entitles the Permittee to conduct the following land-use operation:
 - a) Abandonment and reclamation of wellsites and related activities;
 - b) Construction, use, and maintenance of an access winter road;
 - c) Use of equipment;
 - d) Installation and maintenance of erosion control measures; and
 - e) Fuel and hazardous materials storage.
2. This 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 excuse the Permittee from its obligation to comply with the requirements of any applicable Federal, Territorial, or Municipal laws.

Part B: Definitions (defined terms are capitalized throughout the Permit)

Act - the *Mackenzie Valley Resource Management Act*.

Archaeological Impact Assessment - as defined by the Prince of Wales Northern Heritage Centre – *Guidelines for Developers for the Protection of Archaeological Sites in the Northwest Territories*.

Board - the Mackenzie Valley Land and Water Board established under Part 4 of the Act.

Dogleg - the clearing of a line, trail, or right-of-way that is curved sufficiently so that no part of the clearing beyond the curve is visible when approached from either direction.

Engagement Plan - a document, developed in accordance with the Board's *Engagement and Consultation Policy* and the *Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits*, that clearly describes how, when, and which engagement activities will occur with an affected party during the life of the project.

Flowing Artesian Well - a well in which water:

- a) Naturally rises above the ground surface or the top of any casing; and
- b) Flows naturally, either intermittently or continuously.

Fuel Storage Container - a container for the storage of petroleum or allied petroleum products with a capacity of less than 230 litres.

Fuel Storage Tank - a closed container for the storage of petroleum or allied petroleum products with a capacity of more than 230 litres.

Greywater - all liquid wastes from showers, baths, sinks, kitchens, and domestic washing facilities but not including toilet wastes.

Habitat - the area or type of site where a species or an individual of a species of wildlife naturally occurs or on which it depends, directly or indirectly, to carry out its life processes.

Inspector - an Inspector designated by the Minister under the Act.

Minister - the Minister of Indian Affairs and Northern Development Canada or the Minister of the Government of the Northwest Territories – Department of Lands, as the case may be.

Ordinary High Water Mark - the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land. In flowing waters (rivers, streams) this refers to the “active channel/bank-full level” which is often the 1:2 year flood flow return level. In inland lakes, wetlands, or marine environments, it refers to those parts of the Watercourse bed and banks that are frequently flooded by water so as to leave a mark on the land and where the natural vegetation changes from predominately aquatic vegetation to terrestrial vegetation (excepting water tolerant species). For reservoirs, this refers to normal high operating levels (full supply level).

Permittee - the holder of this permit.

Secondary Containment - containment that prevents liquids that leak from Fuel Storage Tanks or containers from reaching outside the containment area and includes double-walled Tanks, piping, liners, and impermeable barriers.

Sewage - all toilet wastes and Greywater.

Spill Contingency Plan - a document, developed in accordance with Aboriginal Affairs and Northern Development Canada’s *Guidelines for Spill Contingency Planning* (April 2007), that describes the set of procedures to be implemented to minimize the effects of a spill.

Toxic Material - any substance that enters or may enter the environment in a quantity or concentration or under conditions such that it:

- a) Has or may have an immediate or long-term harmful effect on the environment or its biological diversity;
- b) Constitutes or may constitute a danger to the environment on which life depends; or
- c) Constitutes or may constitute a danger in Canada to human life or health.

Waste - any garbage, debris, chemical, or Toxic Material to be used, stored, disposed of, or handled on land, and also as defined in section 51 of the Act.

Waste Management Plan - a document, developed in accordance with the Board’s *Guidelines for Developing a Waste Management Plan*, that describes the methods of Waste management from Waste generation to final disposal.

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

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

Condition	Category
26(1)(a) Location and Area	
1. The Permittee shall not construct parallel lines or roads, unless an existing line or road cannot be used.	PARALLEL ROADS
2. The Permittee shall locate all lines, trails, and right-of-ways to be constructed parallel to any Watercourse a minimum of 100 metres from the Ordinary High Water Mark, except at crossings.	PARALLEL WATERCOURSE
3. The Permittee shall not conduct this land-use operation on any lands not designated in the complete application.	LOCATION OF ACTIVITIES
4. The Permittee shall confine the width of the right of way to a maximum of ten (10) metres, unless otherwise authorized in writing by a Land Use Inspector. The Permittee shall not clear a right-of-way that is wider than 12 metres.	WIDTH RIGHT-OF-WAY
26(1)(b) Time	
5. At least 48 hours prior to the commencement of the land-use operation, the Permittee's Field Supervisor shall contact an Inspector at (867) 695-2626 ext. 206.	CONTACT INSPECTOR
6. At least 48 hours prior to commencement of the land-use operation, the Permittee shall provide the following information, in writing, to the Board and an Inspector: <ul style="list-style-type: none"> a) the name(s) of the person(s) in charge of the field operation; b) alternates; and c) all methods for contacting the above person(s). 	IDENTIFY AGENT
7. At least ten days prior to the completion of the land-use operation, the Permittee shall advise an Inspector of: <ul style="list-style-type: none"> a) the plan for removal or storage of equipment and materials; and b) when final cleanup and reclamation of the land used will be completed. 	REPORTS BEFORE REMOVAL
8. The Board, for the purpose of this operation, designates March 31 as spring break-up.	SPRING BREAK-UP
26(1)(c) Type and Size of Equipment	
9. The Permittee shall not use any equipment except of a similar type, size, and number to that listed in the complete application.	ONLY APPROVED EQUIPMENT

Commented [KL1]: Board staff are seeking reviewer input on this date.

26(1)(d) Methods and Techniques

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| 10. The Permittee shall Dogleg lines, trails and right-of-ways that approach Watercourses or public roads. | DOGLEG APPROACHES |
| 11. Prior to the movement of any vehicle that exerts pressure on the ground in excess of 35 kPa, the Permittee shall scout proposed lines and routes to select the best location for crossing streams and avoiding terrain obstacles. | DETOURS AND CROSSINGS |
| 12. The Permittee shall construct and maintain the overland portion of winter roads with a minimum of 10 cm of packed snow and/or ice at all times during this land-use operation. | WINTER ROADS |
| 13. The Permittee shall not erect camps or store material, other than that required for immediate use, on the ice surface of a Watercourse. | STORAGE ON ICE |
| 14. Prior to the expiry date of this Permit, the Permittee shall replace all excavated material, unless otherwise authorized in writing by an Inspector. | EXCAVATED MATERIAL |

26(1)(e) Type, Location, Capacity, and Operation of All Facilities

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| 15. The Permittee shall ensure that the land use area is kept clean at all times. | CLEAN WORK AREA |
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26(1)(f) Control or Prevention of Ponding of Water, Flooding, Erosion, Slides, and Subsidence of Land

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| 16. The land-use operation shall not cause obstruction to any natural drainage. | NATURAL DRAINAGE |
| 17. The Permittee shall minimize erosion by installing erosion control structures as the land-use operation progresses. | PROGRESSIVE EROSION CONTROL |
| 18. The Permittee shall not conduct off-road vehicle travel in areas without snow-covered surfaces. | OFF-ROAD VEHICLE TRAVEL |
| 19. The Permittee shall prepare the site in such a manner as to prevent rutting of the ground surface. | PREVENTION OF RUTTING |
| 20. The Permittee shall suspend overland travel of equipment or vehicles at the first sign of rutting. | SUSPEND OVERLAND TRAVEL |
| 21. 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 |

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| 22. The Permittee shall not use any material other than clean water and snow in the construction of ice bridges. | ICE BRIDGE MATERIALS |
| 23. The Permittee shall not use any materials other than clean snow and water in the construction of snow fills. | SNOWFILL MATERIALS |
| 24. Prior to spring break-up or completion of the land-use operation, the Permittee shall clean up and either remove or v-notch all snowfills from stream crossings, unless otherwise authorized in writing by an Inspector. | REMOVE OR V-NOTCH SNOWFILLS |
| 25. Prior to spring break-up or completion of the land-use operation, the Permittee shall clean up and v-notch all ice bridges, unless otherwise authorized in writing by an Inspector. | V-NOTCH ICE BRIDGES |
| 26. The Permittee shall not cut any stream bank, unless otherwise authorized in writing by an Inspector. | STREAM BANKS |
| 27. The Permittee shall minimize approach grades on all Watercourse crossings. | MINIMIZE APPROACH |
| 28. The Permittee shall not ford wet streams. | NO FORDING OF STREAMS |
| 29. The Permittee shall slope the sides of Waste material piles, excavations, and embankments — except in solid rock — to a minimum ratio of 2:1 vertical, unless otherwise authorized in writing by an Inspector. | EXCAVATION AND EMBANKMENTS |
| 30. The Permittee shall not remove vegetation or operate heavy equipment within 100 metres of the Ordinary High Water Mark of any Watercourse. | WATERCOURSE BUFFER |
| 31. The Permittee shall not excavate land within 100 metres of the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector. | EXCAVATE NEAR WATERCOURSE |
| 26(1)(g) Use, Storage, Handling, and Ultimate Disposal of Any Chemical or Toxic Material | |
| 32. At least seven days prior to the use of any chemicals that were not identified in the complete application, the MSDS sheets must be provided to the Board and an Inspector. | CHEMICALS |
| 33. The Permittee shall maintain a record of all spills. For all reportable spills, in accordance with the GNWT <i>Spill Contingency Planning and Reporting Regulations</i> , the Permittee shall: | REPORT SPILLS |
| <ul style="list-style-type: none"> a) immediately report each spill to the 24-hour Spill Report Line (867) 920-8130; b) report each spill to an Inspector within 24 hours; and | |

- c) submit, to the Board and an Inspector, a detailed report on each spill within 30 days.
34. The Permittee shall dispose of all Toxic Material as described in the approved Waste Management Plan. **WASTE CHEMICAL DISPOSAL**
35. The Permittee shall dispose of all combustible Waste petroleum products by removal to an approved disposal facility. **WASTE PETROLEUM DISPOSAL**
- 26(1)(h) Wildlife and Fish Habitat**
36. The Permittee shall take all reasonable measures to prevent damage to wildlife and fish Habitat during this land-use operation. **HABITAT DAMAGE**
- 26(1)(i) Storage, Handling, and Disposal of Refuse or Sewage**
37. The Permittee shall adhere to the **Waste Management Plan**, once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations, technology, chemicals, or fuels, or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval. **WASTE MANAGEMENT**
38. The Permittee shall keep all garbage and debris in a secure container until disposal. **GARBAGE CONTAINER**
39. 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 GARBAGE**
40. The Permittee shall dispose of all Sewage and Greywater as described in the approved Waste Management Plan. **SEWAGE DISPOSAL – PLAN**
- 26(1)(j) Protection of Historical, Archaeological, and Burial Sites**
41. The Permittee shall not operate any vehicle or equipment within 150 metres of a known or suspected historical or archaeological site or burial ground. **ARCHAEOLOGICAL BUFFER**
42. The Permittee shall not knowingly remove, disturb, or displace any archaeological specimen or site. **SITE DISTURBANCE**
43. The Permittee shall, where a suspected archaeological or historical site, or burial ground is discovered: **SITE DISCOVERY AND NOTIFICATION**
- a) immediately suspend operations on the site; and
 - b) notify the Board at (867) 669-0506 or an Inspector at (867) 695-2626 ext. 206, and the Prince of Wales Northern Heritage Centre at 767-9347 ext. 71250 or ext. 71251.

44. Prior to any new land disturbance, the Permittee shall conduct an Archaeological Impact Assessment of the sites where disturbance is planned and shall submit a summary report to the Board and the Prince of Wales Northern Heritage Centre. AIA

26(1)(k) Objects and Places of Recreational, Scenic, and Ecological Value

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26(1)(l) Security Deposit

45. Prior to the commencement of the land-use operation, the Permittee shall deposit with the Minister a security deposit in the amount of \$_____. SECURITY DEPOSIT

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46. All costs to remediate the area under this Permit are the responsibility of the Permittee. RESPONSIBILITY FOR REMEDIATION COSTS

26(1)(m) Fuel Storage

47. The Permittee shall: CHECK FOR LEAKS
- a) examine all Fuel Storage Containers and Tank for leaks a minimum once per day; and
 - b) repair all leaks immediately.

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48. The Permittee shall not place any Fuel Storage Containers or Tanks within 100 metres of the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector. FUEL NEAR WATER

49. The Permittee shall ensure that all fuel caches have adequate Secondary Containment. FUEL CACHE SECONDARY CONTAINMENT

50. The Permittee shall set up all refueling points with Secondary Containment. SECONDARY CONTAINMENT – REFUELING

51. The Permittee shall locate mobile fuel facilities on land when the facilities are stationary for more than 12 hours. FUEL ON LAND

52. The Permittee shall mark all Fuel Storage Containers and Tanks with the Permittee's name. MARK CONTAINERS AND TANKS

53. The Permittee shall mark all stationary fuel caches and fuel storage facilities with flags, posts, or similar devices so that they are at all times plainly visible to local vehicle travel. MARK FUEL LOCATION

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| 54. The Permittee shall adhere to the Spill Contingency Plan , once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations, technology, chemicals, or fuels, or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval. | SPILL
CONTINGENCY
PLAN |
| 55. Prior to commencement of the land-use operation the Permittee shall ensure that spill-response equipment is in place to respond to any potential spills. | SPILL RESPONSE |
| 56. All equipment that may be parked for two hours or more, shall have a haz-mat/drip tray under it or be sufficiently diapered. Leaky equipment shall be repaired immediately. | DRIP TRAYS |
| 57. The Permittee shall clean up all leaks, spills, and contaminated material. | CLEAN UP SPILLS |
| 26(1)(n) Methods and Techniques for Debris and Brush Disposal | |
| 58. Prior to the expiry date of this Permit, the Permittee shall progressively dispose of all brush and trees and shall complete all brush disposal; all disposal shall be completed. | BRUSH DISPOSAL/
TIME |
| 59. The Permittee shall not clear areas larger than identified in the complete application. | MINIMIZE AREA
CLEARED |
| 26(1)(o) Restoration of the Lands | |
| 60. All areas affected by construction or removal activities shall be stabilized and landscaped to their pre-construction profiles, unless otherwise authorized in writing by an Inspector. | PRE-
CONSTRUCTION
PROFILES |
| 61. The Permittee shall dispose of all overburden as instructed by an Inspector. | DISPOSAL OF
OVERBURDEN |
| 62. Prior to the expiry date of this Permit, the Permittee shall level all stockpiles of granular material located within the land use area. | NO STOCKPILES |
| 63. Prior to the expiry date of this Permit, the Permittee shall complete all cleanup and restoration of the lands used. | FINAL CLEANUP
AND RESTORATION |
| 64. Prior to the expiry date of this Permit, the Permittee shall prepare the site in such a manner as to facilitate natural revegetation. | NATURAL
VEGETATION |
| 65. The Permittee shall carry out progressive reclamation of disturbed areas as soon as it is practical to do so. | PROGRESSIVE
RECLAMATION |
| 66. The Permittee shall restore any trails impacted by the land-use operation by removing fallen trees and any other obstructions from the trails. | TRAILS
RESTORATION |

26(1)(p) Display of Permits and Permit Numbers

67. The Permittee shall keep a copy of this Permit on hand at all times during this land-use operation. **COPY OF PERMIT**

26(1)(q) Biological and Physical Protection of the Land

68. If any plan is not approved by the Board, the Permittee shall revise the plan according to the Board's direction and re-submit it to the Board for approval. **RESUBMIT PLAN**

69. The Permittee shall adhere to the **Engagement Plan**, once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval. **ENGAGEMENT PLAN**

70. All revised plans submitted to the Board shall include a brief summary of the changes made to the plan. **SUMMARY OF CHANGES**

71. The Permittee must submit a Progress Report to the Board on April 30 and September 30 of each year, or until clean-up and restoration is completed. The Progress Report must include all work done under the land use permit from the previous 6 months and all work planned for the upcoming 6 months. **PROGRESS REPORTS**