

## Conditions Annexed to and Forming Part of Land Use Permit # MV2019S0010

### Part A: Scope of Permit

1. This Permit entitles the Permittee to conduct the following land-use operation:
  - a) Geotechnical drilling and completion of Boreholes to assess soil and groundwater conditions.
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, Tłı̨chǫ, or Municipal laws.

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

**Act** - the Mackenzie Valley Resource Management Act.

**Board** - the Mackenzie Valley Land and Water Board established under Part 4 of the Act, or the [INSERT NAME OF REGIONAL PANEL] Board established under Part 3 of the Act, as the case may be.

**Borehole** - a hole that is made in the surface of the ground by drilling or boring.

**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.

**Drilling Fluids** - any liquid mixture of water, sediment, drilling muds, chemical additives or other wastes that are pumped down hole while drilling and are specifically related to drilling activity.

**Drilling Waste** - all materials or chemicals, solid or liquid, associated with drilling, including drill cuttings and Drilling Fluids.

**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.

**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.

**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
<b>26(1)(a) Location and Area</b>	
1. Prior to the commencement of drilling, the Permittee shall submit the drill target locations on a 1:50,000-scale map with coordinates and map datum to the Board and an Inspector.	<b>DRILL LOCATIONS</b>
2. The Permittee shall not conduct this land-use operation on any lands not designated in the complete application.	<b>LOCATION OF ACTIVITIES</b>
3. Prior to the commencement of the land-use operation, the Permittee shall accompany an Inspector during an inspection of the proposed land use area.	<b>INSPECT LOCATIONS</b>
<b>26(1)(b) Time</b>	
4. At least 48 hours prior to the commencement of the land-use operation, the Permittee's Field Supervisor shall contact an Inspector at (867) _____.	<b>CONTACT INSPECTOR</b>
5. 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:	<b>IDENTIFY AGENT</b>
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).	
6. At least ten days prior to the completion of the land-use operation, the Permittee shall advise an Inspector of:	<b>REPORTS BEFORE REMOVAL</b>
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.	
<b>26(1)(c) Type and Size of Equipment</b>	
7. The Permittee shall not use any equipment except of a similar type, size, and number to that listed in the complete application.	<b>ONLY APPROVED EQUIPMENT</b>
<b>26(1)(d) Methods and Techniques</b>	
<i>Intentionally left blank</i>	
<b>26(1)(e) Type, Location, Capacity, and Operation of All Facilities</b>	

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| 8.   | The Permittee shall ensure that the land use area is kept clean at all times.  | <b>CLEAN WORK<br/>AREA</b>                 |
| <b>26(1)(f) Control or Prevention of Ponding of Water, Flooding, Erosion, Slides, and Subsidence of Land</b> |  |  |
| 9.   | The land-use operation shall not cause obstruction to any natural drainage.  | <b>NATURAL<br/>DRAINAGE</b>                |
| 10.  | The Permittee shall minimize erosion by installing erosion control structures as the land-use operation progresses.  | <b>PROGRESSIVE<br/>EROSION<br/>CONTROL</b> |
| 11.  | The Permittee shall, where flowing water from a Borehole is encountered:   | <b>FLOWING<br/>ARTESIAN WELL</b>           |
|  | a) plug the Borehole in such a manner as to permanently prevent any further outflow of water; and  |  |
|  | b) immediately report the occurrence to the Board and an Inspector.  |  |
| <b>26(1)(g) Use, Storage, Handling, and Ultimate Disposal of Any Chemical or Toxic Material</b>              |  |  |
| 12.  | 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.                    | <b>CHEMICALS</b>                           |
| 13.  | The Permittee shall remove all Drilling Waste containing Toxic Material to an approved disposal facility.  | <b>DRILLING<br/>WASTE<br/>DISPOSAL</b>     |
| 14.  | The Permittee shall not allow any Drilling Waste to spread to the surrounding lands or Watercourses.   | <b>DRILLING<br/>WASTE<br/>CONTAINMENT</b>  |
| 15.  | 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: | <b>REPORT SPILLS</b>                       |
|  | 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.  |  |
| 16.  | The Permittee shall dispose of all Toxic Material as described in the approved Waste Management Plan.  | <b>WASTE<br/>CHEMICAL<br/>DISPOSAL</b>     |
| 17.  | The Permittee shall dispose of all combustible Waste petroleum products by removal to an approved disposal facility.   | <b>WASTE<br/>PETROLEUM<br/>DISPOSAL</b>    |

**26(1)(h) Wildlife and Fish Habitat**

18. 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**

19. 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**
20. The Permittee shall keep all garbage and debris in a secure container until disposal. **GARBAGE CONTAINER**
21. 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**

**26(1)(j) Protection of Historical, Archaeological, and Burial Sites**

*Intentionally left blank*

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

*Intentionally left blank*

**26(1)(l) Security Deposit**

22. 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**
23. All costs to remediate the area under this Permit are the responsibility of the Permittee. **RESPONSIBILITY FOR REMEDIATION COSTS**

**26(1)(m) Fuel Storage**

24. The Permittee shall not allow petroleum products to spread to surrounding lands or Watercourses. **FUEL CONTAINMENT**
25. 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**

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| 26. | 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.   | <b>SPILL RESPONSE</b>                        |
| 27. | 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.  | <b>DRIP TRAYS</b>                            |
| 28. | The Permittee shall clean up all leaks, spills, and contaminated material.   | <b>CLEAN UP<br/>SPILLS</b>                   |
|     | <b>26(1)(n) Methods and Techniques for Debris and Brush Disposal</b>   |  |
|     | <i>Intentionally left blank</i>  |  |
|     | <b>26(1)(o) Restoration of the Lands</b>   |  |
| 29. | Prior to the expiry date of this Permit, the Permittee shall complete all cleanup and restoration of the lands used.   | <b>FINAL CLEANUP<br/>AND<br/>RESTORATION</b> |
|     | <b>26(1)(p) Display of Permits and Permit Numbers</b>  |  |
| 30. | The Permittee shall keep a copy of this Permit on hand at all times during this land-use operation.  | <b>COPY OF<br/>PERMIT</b>                    |
|     | <b>26(1)(q) Biological and Physical Protection of the Land</b>   |  |
| 31. | Prior to the commencement of the land-use operation, the Permittee shall submit a revised _____ Plan ( <i>e.g. Waste Management or Spill Contingency or Engagement Plan</i> ) in accordance with _____ Guidelines ( <i>e.g. MVLWB's 2011 "Guidelines for Developing a Waste Management Plan" or Aboriginal Affairs and Northern Development Canada's 2007 "Guidelines for Spill Contingency Planning" or MVLWB's 2013 "Engagement Guidelines for Applicants and Holders if Water Licences and Land Use Permits"</i> ) to the Board for approval. | <b>SUBMIT<br/>REVISED PLAN</b>               |
| 32. | 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.   | <b>RESUBMIT<br/>PLAN</b>                     |
| 33. | The Permittee shall adhere to the <b>Engagement Plan</b> , 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.  | <b>ENGAGEMENT<br/>PLAN</b>                   |
| 34. | All revised plans submitted to the Board shall include a brief summary of the changes made to the plan.  | <b>SUMMARY OF<br/>CHANGES</b>                |