



GWICH'IN LAND AND WATER BOARD

P.O. Box 2018, Inuvik, NT X0E 0T0

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LAND USE PERMIT

| Permit Class | Permit No | Amendment No |
|--------------|-----------|--------------|
| A | G13H004 | - |

Subject to the Mackenzie Valley Resource Management Act, the Mackenzie Valley Land Use Regulations and the terms and conditions in this Permit, authority is hereby granted to:

GNWT – Department of Infrastructure

(Permittee)

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

| | |
|--|-----------------------|
| Signature Arvind Vashishtha | Date July 10, 2013 |
| Type of Land Use Operation Fuel storage, camp and landfarm | |
| Location Km 14.2, Dempster Highway #8 James Creek (67°08'30"N / 135°59'53"W) | |

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

Dated at Inuvik this 25 day of July, 2017

Witness - Leonard DeBastien

Chair - Paul Sullivan

Commencement Date

Expiry Date

August 12, 2013

August 11, 2018

Note: It is a condition of this Permit that the Permittee comply with the provisions of the *Mackenzie Valley Resource Management Act* and Regulations and the terms and conditions set out herein. A failure to comply may result in suspension or cancellation of this Permit.

Conditions Annexed to and Forming Part of Land Use Permit # G13H004

Part A: Scope of Permit

1. This Permit entitles GNWT Department of Infrastructure to conduct the following land-use operation:
 - a) Fuel Storage
 - b) Highway maintenance camp and associated facilities

located at Dempster Highway km 14.2, James Creek (67°08'30"N / 135°59'53"W)
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 absolve the Permittee from the responsibility for compliance with the requirements of all applicable federal, territorial, and municipal legislation.

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

Act - the *Mackenzie Valley Resource Management Act*.

Board - the Gwich'in Land and Water Board established under Part 3 of the *Mackenzie Valley Resource Management Act*.

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

Durable Land - land that is able to withstand repeated use, such as gravel or sand with minimal vegetative cover.

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 *Mackenzie Valley Resource Management Act*.

Minister - the Minister of Indian Affairs and Northern Development Canada.

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).

Permafrost - ground (soil or rock) that remains at or below 0°C for at least two consecutive years.

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 - a 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 Management Plan (WMP) - 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)

26(1)(a) Location and Area

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| 1. | The Permittee shall not conduct this land-use operation on any lands not designated in the accepted application. | Location of Activities |
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26(1)(b) Time

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| 2. | At least 48 hours prior to commencement of this land-use operation, the Permittee shall provide the following information, in writing, to the Board <u>and</u> an Inspector: (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 |
| 3. | At least ten days prior to the completion of the land-use operation, the Permittee shall advise an Inspector of: (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 |

26(1)(c) Type and Size of Equipment

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| 4. | The Permittee shall not use any equipment except of a similar type, size, and number to that listed in the accepted application. | Only Approved Equipment |
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26(1)(d) Methods and Techniques

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| 5. | The Permittee shall not store material other than that required for immediate use on the ice surface of a Watercourse. | Storage on Ice |
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26(1)(e) Type, Location, Capacity, and Operation of All Facilities

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| 6. | 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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| 7. | The Permittee shall not excavate land within 100 metres of the high water mark of any Watercourse, unless otherwise authorized in writing by an Inspector or the Board. | Excavate Near Watercourse |
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26(1)(g) Use, Storage, Handling, and Ultimate Disposal of Any Chemical or

Toxic Material

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| 8. | The Permittee shall maintain a record of all spills. For all reportable spills, as defined in the <i>NT-NU Spill Report Form</i> , the Permittee shall: (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. | Report Spills |
| 9. | The Permittee shall dispose of all Toxic substances by removal to an approved facility. | Waste Chemical Disposal |
| 10. | 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

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| 11. | The Permittee shall take all reasonable measures to prevent damage to wildlife and fish Habitat during this land-use operation. | Habitat Damage |
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26(1)(i) Storage, Handling, and Disposal of Refuse or Sewage

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| 12. | The Permittee shall keep all garbage and debris in a secure container until disposal. | Garbage Container |
| 13. | The Permittee shall dispose of all garbage, waste, and debris as described in the approved application, unless otherwise authorized in writing by an Inspector. | Remove Garbage |
| 14. | The Permittee shall dispose of all Sewage and Greywater as described in the approved application. | Sewage Disposal |

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

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| 15. | The Permittee shall not knowingly remove, disturb, or displace any archaeological specimen or site. | Site Disturbance |
| 16. | The Permittee shall, where a suspected archaeological or historical site, or burial ground is discovered: (a) immediately suspend operations on the site; and (b) notify the Board at (867) 777-2954 or an Inspector at (867) 777-8900, the Gwich'in Social and Cultural Institute at (867) 952-2524 and the Prince of Wales Northern Heritage Centre at (867) 920-6182 or 873-7688. | Site Discovery and Notification |

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

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26(1)(l) Security Deposit

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| 17. | Prior to commencement of the land-use operation, the Permittee shall deposit with the Minister a security deposit in the amount of \$ 0. | Security Deposit |
| 18. | All costs to remediate the area under this Permit are the responsibility of the Permittee. | Responsibility for Remediation Costs |

26(1)(m) Fuel Storage

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| 19. | The Permittee shall: (a) examine all Fuel Storage Tanks and Containers for leaks a minimum once per day; and (b) repair all leaks immediately. | Check for Leaks |
| 20. | The Permittee shall ensure that all Fuel Storage Tanks with a capacity exceeding 4,000 litres are double-walled tanks. | Double-walled Tanks |
| 21. | The Permittee shall not place any Fuel Storage Containers within 50 metres of the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector. | Fuel Near Water |
| 22. | The Permittee shall set up all refueling points with secondary containment. | Secondary Containment - Refueling |
| 23. | The Permittee shall not allow petroleum products to spread to surrounding lands or Watercourses. | Fuel Containment |
| 24. | 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, or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval. | Spill Contingency Plan |
| 25. | Prior to commencement of operations, the Permittee shall ensure that spill-response equipment is in place to respond to any potential spills. | Spill Response |
| 26. | All equipment that may be parked for two hours or more, should have a haz-mat/drip tray under it or be sufficiently diapered. (Leaky equipment should be repaired immediately.) | Drip Trays |
| 27. | 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

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26(1)(o) Restoration of the Lands

28. Prior to the expiry date of this Permit, the Permittee shall complete all cleanup and restoration of the lands used.

**Final Cleanup
and
Restoration**

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

29. 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

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