

Mackenzie Valley Land and Water Board



LAND USE PERMIT APPLICATION FORM

Subsection 19(2) and Schedule 2 of the [Mackenzie Valley Land Use Regulations](#)

Use an "x" to indicate which Board the Application is being made to:	Mackenzie Valley Land and Water Board:	<input checked="" type="checkbox"/>	Sahtu Land and Water Board:	
	Wek'èezhì Land and Water Board:		Gwich'in Land and Water Board:	

To complete this Form, please refer to the MVLWB [Guide to the Land Use Permitting Process \(Guide\)](#) and fill in the grey fields; attach additional pages if necessary. Please review the following guidance for formatting your Application Package:

- [Document Submission Standards](#)
- [Standard Outline for Management Plans](#)



Received: October 26, 2020

File #: MV2020L0014

Copied to: AL/Reg

If applicable, reference the existing or current Land Use Permit file number:	MV2013L0015 and MV2016L0034		
Use an "x" to indicate if this Application is accompanied by an Application for a Water Licence:	Water Licence – in a non-federal area:		
	Water Licence – in a federal area:		

1. NAME AND CONTACT INFORMATION – APPLICANT

Applicant's Name:	Tricia McIntyre		
Position:	Property Management Assistant		
Mailing Address:	183 Range Road		
Community:	Whitehorse	Telephone:	867-335-3106
Prov/Terr:	Yukon	Email:	tmcintyre@nwtel.ca
Postal Code:	Y1A 3E5	Other:	

2. NAME AND CONTACT INFORMATION – APPLICANT'S HEAD OFFICE

Please include a Certificate of Corporate Registration from the Government of the Northwest Territories in your Application Package.

Name:	Northwestel Inc.		
Mailing Address:	301 Lambert Street, Bag 2727		
Community:	Whitehorse		
Prov/Terr:	Yukon	Telephone:	867455-4343
Postal Code:	Y1A 4Y4	Email:	propertymanagement@nwtel.ca
Field Supervisor:		Other:	

3. NAME AND CONTACT INFORMATION – CONTRACTORS AND SUB-CONTRACTORS

Please include relevant names, responsibilities, and contact information. An additional table should be added for each contractor and subcontractor.

Name:			
Company Name:			
Mailing Address:			
Community:		Telephone:	
Prov/Terr:		Email:	
Postal Code:		Other:	

4. LOCATION OF ACTIVITIES

Maps and Geographic Information System (GIS) Data: Attach a map to your Application Package indicating the locations of proposed activities, including waste deposits, watercourses, and water sources. Provide latitude and longitude geographic coordinates of project features, and the maximum and minimum project boundary in degrees, minutes, seconds, or decimal degrees. Attach GIS data to your Application Package, if applicable. Refer to the MVLWB [Guideline for Geographic Information Systems \(GIS\) Submission Standard](#) for providing geographic information.

Minimum latitude:	85 1/14-103-2 63 25' 56.90" N	Maximum latitude:	112 37' 43.80" W
Minimum latitude:	76 D/2-103-2 64 14' 32.5" N	Maximum latitude:	110 56' 45.30" W
Minimum latitude:	75 M/13-103-2 63 47' 28.30" N	Maximum latitude:	111 52' 26.00" W
Minimum latitude:	85 I/14-103-2 62 53' 39.60" N	Maximum latitude:	113 01' 32.40" W
Minimum latitude:	75 N/5-1-2 63 28' 30.45" N	Maximum latitude:	109 57' 46.91" W

NTS Map Sheet No.: Provide the map sheet number:

NT BWLKRR X70001-01 – 85 1/14-103-2
NT CRLK RR X70001-01 – 76 D/2-103-2
NT MCLK RR X70001-01 – 75 M/13-103-2
NT PTLK RR X70001-01 – 85 I/14-103-2
75 N/05 – 75 N/5-1-2

Land Types: Use an “x” to indicate the type(s) of the land on which the activities are proposed.

Free Hold/ Private:		Commissioner’s/ Territorial Lands:	X	Federal Land:		Municipal Land:	
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5. ELIGIBILITY

Please refer to section 18 of the [Mackenzie Valley Land Use Regulations](#). Use an “x” to indicate which one applies.

18(a)(i):		18(a)(ii):		18(a)(iii):		18(b): X	

6. RIGHTS AND/OR CONTRACTS TO SUPPORT ELIGIBILITY

Please contact federal, territorial, and Aboriginal governments, and other parties to ensure all appropriate rights, authorizations, permissions, dispositions, and contracts have been obtained or are in the process of being obtained (e.g. mineral exploration rights, quarry permits, licences of occupation,

leases, access agreements and authorizations, etc.). List and provide confirmation of other authorizations that relate to your activities; include these to your Application Package (e.g. rights, permits, licences, etc.).

Each site has secured a 20-year land lease with Indian and Northern Affairs Canada.
 MacKay lease No.: 75 M/13-3-2,
 Courageous lease No.: 76 D/2-1-2,
 Paterson lease No.: 85 I/14-7-2
 Brown lease No.: 85 P/7-3-2
 Anarin lease No.: 75 N/5-1-2 with the Commissioner of the Northwest Territories

7. PERMIT TYPE AND CRITERIA

Please refer to sections 4 and 5 of the [Mackenzie Valley Land Use Regulations](#). Use an “x” to indicate which permitting criteria apply:

Type A		Type B		Type C					
4(a)(i):	<input type="checkbox"/>	4(b)(i):	<input type="checkbox"/>	5(a)(i):	<input type="checkbox"/>	5(b)(i):	<input type="checkbox"/>	(SLWB and WLWB only):	<input type="checkbox"/>
4(a)(ii):	<input type="checkbox"/>	4(b)(ii):	<input type="checkbox"/>	5(a)(ii):	<input type="checkbox"/>	5(b)(ii):	<input type="checkbox"/>		
4(a)(iii):	<input type="checkbox"/>	4(b)(iii):	<input type="checkbox"/>	5(a)(iii):	X				
4(a)(iv):	<input type="checkbox"/>	4(b)(iv):	<input type="checkbox"/>	5(a)(iv):	<input type="checkbox"/>				
4(a)(v):	<input type="checkbox"/>			5(a)(v):	<input type="checkbox"/>				
				5(a)(vi):	<input type="checkbox"/>				

8. PROJECT DESCRIPTION

Please include your project description in your Application Package, or for small-scale projects, describe your proposed activities in the grey field provided below. Include the elements identified in subsection 19(3) of the [Mackenzie Valley Land Use Regulations](#), the name and type (e.g., lake, river) of water source(s), and the purpose and quantity of water to be used (rates, volumes (m³/day)). Indicate the total

Five microwave repeater stations from Yellowknife to the operating mines near Courageous Lake. These repeater stations enhance existing communications at the mine sites, and are located near Paterson Lake, Brown Lake, Mackay Lake, Courageous Lake and Anarin Lake. Each site has a tower, two 3.048 m x 6.096 m pre-fabricated buildings and two 13,600 L double wall fuel tanks. Sites are approx. one hectare each.
 Please note that Anarin Lake has been added to this application under the encouragement of MVLWB. Please see attached site plans for more information.

number of hectares to be used in each phase of the project, as well as through the life of the project.

9. CAMP

Please describe the proposed camp size and layout. Indicate the number of person-days; explain, with

rationale, any variations in the number of people that may be on site over the life of the project.

10. ROADS AND ACCESSES

Please include detailed information about the construction, location, and decommissioning of any roads and accesses.

Use an "x" to indicate if this is to be a pioneered road or access.	Yes		Use an "x" to indicate if the route has been laid out or ground-truthed.	Yes	
	No	X		No	X

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11. WASTE MANAGEMENT METHODS

Please use the grey fields below to provide or reference the following information:

Waste Management Plan: Include your Waste Management Plan in your Application Package, if applicable, or for small-scale projects, describe the proposed waste management activities in the grey fields provided below. A template for the Plan can be found in the MVLWB [Guidelines for Developing a Waste Management Plan](#).

Waste Type	Management Method(s)
Garbage:	N/A
Sewage (Sanitary and greywater):	There are no sewage facilities for the infrequent site visits. No grey water is generated on sites.
Brush and trees:	N/A
Overburden (Organic soils, waste material, etc.):	N/A

Off-site Disposal: If waste is proposed to be disposed of off-site within the NWT, written confirmation (e.g., an email, letter, etc.) from the facility/facilities indicating they will accept the waste is required. Include it/these in your Application Package.

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12. EQUIPMENT

Please identify the types of equipment proposed to be used.

Number	Type/Description	Size (weight in tonnes)	Proposed use
2 each	Prefabricated metal clad buildings		Telecommunications Equipment Shelter & Diesel Generator Shelter
1	Telecommunications tower	Paterson, Brown & Mackay are 91.4 meters high. Courageous is 121.9 metres high. Anarin is 98 meters high.	

13. FUEL

Please identify all fuel types proposed to be used.

Type of Fuel	Number of containers	Capacity of containers (e.g., litres, pounds)	Type of container (barrel, tank, tidy-tank)	Proposed storage or staging location(s)
Diesel:	2 each	13,600 L	Double walled	Within leased area
Gasoline:				
Aviation Fuel:				
Propane:				
Other: (describe)				

14. METHODS OF FUEL TRANSFER

Please describe the proposed methods to transfer fuel.

All fuel tanks are re-filled every two years by Atco Frontec. Fuel is transferred from fuel bladders to the on-site tanks.

15. SPILL CONTINGENCY PLAN

Please include your Spill Contingency Plan in the Application Package, if applicable, or for small-scale projects, provide relevant details in the grey field provided below. An example of a Plan can be found in the INAC [Guidelines for Spill Contingency Planning](#).

Please refer to the Northwestel Inc. Fuel Spill Emergency Response Action Plan as well as the ATCO Structures: Environmental Protection Policy that have been attached.

16. PROPOSED TIME SCHEDULE

Indicate the proposed project start and completion dates and the time of year the project activities are planned to occur. Describe any anticipated temporary closure(s) or seasonal shutdowns. Refer to subsections 26(5) and (6) of the [Mackenzie Valley Land Use Regulations](#); indicate the term requested.

Start Date:		Completion Date:	
Each site was constructed with the intention to operate for a minimum of ten years, with a possibility of extension for an undetermined amount of time. Restoration will commence at the end of operation. Brown, Courageous, MacKay and Patterson Lakes erected 2006, Anarin erected 2016			
Term of Permit Requested:	5 years		

17. POTENTIAL ENVIRONMENTAL IMPACTS OF THE PROJECT AND PROPOSED MITIGATIONS

Please use the grey field below to provide or reference the following information:

Preliminary Screening: Describe all potential impacts and proposed mitigations. This information is used for the preliminary screening of potential impacts from the project and/or to develop conditions for the land use permit. Please indicate whether any of the mitigation measures have been developed as a result of input from affected parties. Additional guidance is provided in [Appendix B of the MVLWB Guide to the Land Use Permitting Process](#), the [Mackenzie Valley Review Board Environmental Impact Assessment Guidelines](#), and the [Mackenzie Valley Review Board Socio-Economic Impact Guidelines](#). Alternatively, if you are seeking an exemption from preliminary screening, provide supporting rationale.

A habitat and archaeological field investigation was conducted on May 29, 2006 at each of the proposed repeater stations. From the field investigations and review of topographic maps and information compiled along the neighboring Tibbitt to Contwoyto Winter Road, there will be no significant effects

on land, water, flora and fauna at any of the proposed repeater station sites.
See attached report for details.
An exemption from preliminary screening is being proposed.

Wildlife Management and Monitoring Plan: Applicants are encouraged to contact the Wildlife Division of the Government of the Northwest Territories – Environment and Natural Resources, prior to applying, to determine whether a Wildlife Management and Monitoring Plan may be needed.

18. CLOSURE AND RECLAMATION

Please use the grey field below to provide or reference the following information:

Closure and Reclamation Plan: Describe your plans for closure and reclamation, including any temporary closure(s) and seasonal shutdowns. Include your Closure and Reclamation Plan in your Application Package, if applicable, or for small-scale projects, describe the proposed activities in the grey field provided below. Please also refer to the MVLWB/AANDC [Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories](#).

Closure Cost Estimate: Prepare a [Closure Cost Estimate](#) and include it in your Application Package. Applicants are encouraged to contact the Board, prior to applying, to determine which closure-cost-estimate template is most suited to the activities being applied for. Guidance is provided in section 2.2 of the MVLWB/INAC/GNWT [Guidelines for Closure and Reclamation Cost Estimates for Mines](#). If your Application is submitted concurrently with a Water Licence Application, please ensure water- and land-related activities and liabilities are provided.

At the end of operation, all infrastructure will be removed, and all foundation bolts will be cut off at ground level.

19. ADDITIONAL SUPPORTING INFORMATION

Please use the grey field below to provide or reference the following information:

Engagement: Conduct engagement, prepare an Engagement Record and Engagement Plan in accordance with the MVLWB [Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits](#), and include them in your Application Package. Templates are provided in the Guidelines. Please also refer to [Information for Proponents on MVLWB's Engagement Requirements](#).

Land Use Planning: Please contact the applicable Land Use Planning Board or Tłı̨ch̓ Government to discuss conformity with the relevant land use plan(s). Attach your Land Use Plan Conformity Table that demonstrates how the project meets the requirements of the Land Use Plan, if applicable.

Traditional (Environmental) Knowledge (TEK/TK): Provision of TEK/TK is mandatory for applications to the Sahtu Land and Water Board. Other applicants are strongly encouraged to include TEK/TK.

Studies Undertaken to Date: Please list any relevant studies that support the proposed activities and include them in your Application Package.

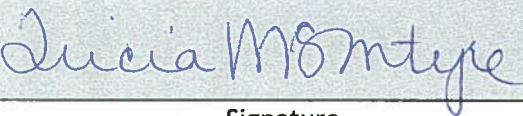
20. FEES

Please refer to section 20 of the Mackenzie Valley Land Use Regulations.

Type of Fee	Amount (\$)
Application fee:	150.00
Land-use fees (for federal areas only):	
Total Fees:	150.00

21. SIGNATURE

Tricia McIntyre for Northwestel Inc.	Property Management Assistant
Applicant's Name (print) or Company Name	Position (print)

	October 22, 2020
Signature	Date

Please submit completed applications to the Regulatory Manager or Executive Director at the respective Land and Water Board (www.mvlwb.com, www.wlwb.ca, www.slwb.com, www.glwb.com).