

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:		Sahtu Land and Water Board:	X
	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](#)

If applicable, reference the existing or current Land Use Permit file number:		
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:	Sonya Saunders		
Position:	Director, Strategic Infrastructure, Department of Infrastructure, Government of the Northwest Territories		
Mailing Address:	Box 1320		
Community:	Yellowknife	Telephone:	867-767-9082 ext. 31035
Prov/Terr:	NT	Email:	Sonya_Saunders@gov.nt.ca
Postal Code:	X1A2L9	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:	Same as above (Item # 1)		
Mailing Address:			
Community:			
Prov/Terr:		Telephone:	
Postal Code:		Email:	
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:	Refer to Section 2.1.2 in the attached Project Description Report (PDR)		
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:	65° 9' 18.8" N	Maximum latitude:	65° 13' 25.5" N
Minimum longitude:	126° 18' 23.4" W	Maximum longitude:	126° 30' 53.4" W

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

Refer to Section 6.3 in the attached PDR

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

Free Hold/ Private:	X	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
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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.).

Refer to Section 4.0 and Section 5.0 in the attached PDR.

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):	X	4(b)(i):	X	5(a)(i):		5(b)(i):		(SLWB and WLWB only):	
4(a)(ii):	X	4(b)(ii):		5(a)(ii):		5(b)(ii):			
4(a)(iii):	X	4(b)(iii):		5(a)(iii):					
4(a)(iv):	X	4(b)(iv):		5(a)(iv):					
4(a)(v):	X			5(a)(v):					
				5(a)(vi):					

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

The Project includes the construction of an access road from Canyon Creek to Prohibition Creek. The proposed road will be approximately 13 kilometre (km) long with a ROW width of 60 metre (m). The road will consist of a two-lane gravel roadway with an 8.5 m wide driving surface with total footprint of approximately 16.6 m (assuming an average embankment height of 1.5 m with 3H:1V side slopes). The access road will be located within the partially cleared right-of-way (ROW), immediately northeast of the Mackenzie Valley Fibre Line (MVFL) and on the existing Mackenzie Valley Winter Road (MVWR).

The scope of work for the Project includes:

- Environmental planning and engineering studies.
- Mobilizing and demobilizing construction equipment to and from Project work sites.
- Clearing, grubbing, and stripping vegetated material from proposed Project alignment ROW and within proposed work areas at Edie Lake Quarry.
- Geotechnical studies including geotechnical drilling at the quarry and along the road alignment.
- Construction of an all-season access road between Prohibition Creek and Canyon Creek within the existing MVWR ROW. Construction activity will commence at the end of the CCASAR approximately 450 m southeast of the Canyon Creek bridge and end on the approach to the Prohibition Creek bridge (approximately 300 m northwest of Prohibition Creek).
- Installation of equalization and drainage channel culverts at select locations within the ROW.
- Sourcing and use of water from the Mackenzie River to provide dust suppression, material compaction, and temporary working surfaces during frozen ground conditions.
- Operation of one borrow source (the Edie Lake Quarry). Work will include drilling, blasting, excavation, crushing and stockpiling of granular materials. The Edie Lake Quarry and the permanent quarry haul road were previously developed by INF during the CCASAR project. Progressive reclamation will be completed at the Quarry during operations.
- Construction, operation, and reclamation of temporary support infrastructure areas (laydown

and equipment staging areas).

Not included within the Project scope are the following activities:

- Operation and maintenance of the PCAR is not subject to screening as part of the Preliminary Screening process [Section 13, Schedule 1 of the *Exemption List Regulations* issued under the *Mackenzie Valley Resource Management Act* (MVRMA)].
- Rehabilitation and/or replacement of bridges along the PCAR including at Francis Creek, Helava Creek, and Christina Creek. Rehabilitation and/or replacement of bridges will proceed based on direction from structural engineers at a future date which is yet to be determined. As a result, all rehabilitation and/or replacement will be completed under separate regulatory approvals processes.

Additional information is provided in the PDR attached to this application.

9. CAMP

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

Refer to Section 6.17 in the attached PDR.

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	X	Use an "x" to indicate if the route has been laid out or ground-truthed.	Yes	X
	No			No	

Refer to Section 6.0 in the attached PDR.

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:	Refer to Section 6.0 in the attached PDR. Waste Management Plan provided in Appendix E of the PDR.
Sewage (Sanitary and greywater):	
Brush and trees:	
Overburden (Organic soils, waste material, etc.):	

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.

Refer to Section 6.0 in the attached PDR. Town of Norman Wells Waste Disposal in Appendix C and Waste Management Plan provided in Appendix E.

12. EQUIPMENT

Please identify the types of equipment proposed to be used.

Number	Type/Description	Size (weight in tonnes)	Proposed use
Refer to Section 6.14 in the attached PDR.			

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:	Refer to Section 6.15 in the attached PDR.			
Gasoline:				
Aviation Fuel:				
Propane:				
Other: (describe)				

14. METHODS OF FUEL TRANSFER

Please describe the proposed methods to transfer fuel.

Refer to Section 6.15 in the attached PDR.

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](#).

Refer to Appendix G in the attached PDR.

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:	September 2020	Completion Date:	September 2025
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Refer to Section 8 in the attached PDR.

Term of Permit
Requested:

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.

Refer to Section 10 in the attached PDR.

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.

Refer to Section 7.0 in the attached PDR.

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.

Engagement – Refer to Section 12 and Appendix I in the attached PDR.
 Land Use Planning – Refer to Section 11 in attached PDR
 Traditional Knowledge – Refer to Section 9.1 and Appendix H in attached PDR

Quarry Permit Application and Quarry Operations Plan – Refer to Appendix B in the PDR.
 Environmental Overview – Refer to Appendix H in the PDR.
 Traditional Knowledge Study – Refer to Appendix H in the PDR.
 Engagement Plan and Record – Refer to Appendix I in the PDR.


20. FEES

Please refer to section 20 of the [Mackenzie Valley Land Use Regulations](#).

Type of Fee	Amount (\$)
Application fee:	0
Land-use fees (for federal areas only):	0
Total Fees:	0

21. SIGNATURE

Sonya Saunders	Director, Strategic Infrastructure, Department of Infrastructure
Applicant’s Name (print) or Company Name	Position (print)

	September 10, 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).