

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:	<b>X</b>
	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: <b>X</b>
	Water Licence – in a federal area:

**1. NAME AND CONTACT INFORMATION – APPLICANT**

Applicant's Name:	Enbridge (NW) Pipeline Inc.		
Position:	N/A		
Mailing Address:	10175 - 101 Street NW		
Community:	Edmonton	Telephone:	587-336-6437
Prov/Terr:	Alberta	Email:	sarah.mckenzie@enbridge.com
Postal Code:	T5J 0H3	Other:	

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

Please include a Certificate of Corporate Registration (Appendix 1) from the Government of the Northwest Territories in your Application Package.

Name:	Sarah McKenzie		
Mailing Address:	Suite 200, 10175 – 101 Street		
Community:	Edmonton		
Prov/Terr:	Alberta	Telephone:	587-336-6437
Postal Code:	T5J 0H3	Email:	sarah.mckenzie@enbridge.com
Field Supervisor:	TBD	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:	TBD		
Company Name:	TBD		
Mailing Address:	TBD		
Community:	TBD	Telephone:	TBD
Prov/Terr:	TBD	Email:	TBD
Postal Code:	TBD	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.

Please refer to **Appendix 2 – Shapefiles and Appendix 3 - Environmental and Socio-Economic Assessment, Section 2.0 – Project Description.**

#### Location of Project Components

Project Component	Latitude	Longitude
Project footprint - Minimum Extent (Southernmost Point)	64°25'09.8"N	124°42'58.2"W
Project footprint - Maximum Extent (Northernmost Point)	64°26'32.6"N	124°45'36.7"W
Camp and Laydown Yard	64°25'20.5"N	124°43'14.3"W
Gravel Pit	64°25'13.0"N	124°43'02.2"W
Barge Landing	64°25'41.8"N	124°46'26.0"W
Barge Landing Access Road - Start Point (at Mackenzie River Bank)	64°25'41.0"N	124°46'22.6"W
Barge Landing Access Road - End Point (at Winter Road)	64°25'59.5"N	124°44'21.2"W
HDD Rig Entry	64°26'11.7"N	124°44'53.5"W
HDD Exit	64°26'19.5"N	124°45'23.0"W
Stoppie Entry	64°26'11.0"N	124°44'49.7"W
North Entrance	64°26'18.8"N	124°45'14.3"W
Temporary Workspace West of HDD Pullback	64°26'23.2"N	124°45'33.3"W
Temporary Workspace East of HDD Pullback	64°26'28.9"N	124°45'35.1"W
Mackenzie River, Approximate Location of Potential Water Withdrawal	64°25'42.3"N	124°46'27.1"W
Little Smith Creek, Approximate Location of Potential Water Withdrawal	64°26'06.0"N	124°44'36.2"W

**Notes:** Geographic coordinates are estimated based on the approximate centre point of each Project component (with the exception of the minimum and maximum extent).

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

096C

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:		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.).

All new lands proposed for temporary use by the Project are located on privately held Sahtu land. Enbridge is discussing access with the Tulita District Land Corporation and will provide an update when access rights have been obtained.

Enbridge’s existing operational land use permit, MV2013P0011, authorizes use of certain areas for the purpose of operational maintenance. The following areas proposed for use by this Project are permitted under land use permit MV2013P0011: Airstrip AS-01-SHT-12; Borrow Site BS-01-SHT-12; Access TR-05-SHT-12; Access TR-04-SHT-12. Other permitted access trails in the area may be used as required. Enbridge’s eligibility for use of areas permitted under MV2013P0011 was established by the MVLWB for that permit.

Other applicable authorizations:

- *Canadian Energy Regulator – Operations and Maintenance (O&M) Notification (no authorization for this Project is required)*
- *Fisheries and Oceans Canada – Letter of Advice*
- *Transport Canada – Notice for works below the high-water mark in the Mackenzie River*
- *Prince of Wales Northern Heritage Centre – Archaeological Permit (NWT Permit 2019-015)*

**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):		4(b)(i):	X	5(a)(i):		5(b)(i):		(SLWB and WLWB only):	
4(a)(ii):	X	4(b)(ii):	X	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 (m<sup>3</sup>/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.

Please refer to **Appendix 3 - Environmental and Socio-Economic Assessment, Section 2.0 – Project Description**.

Information related to water use is included in the associated application for a Type B water licence.

Approximate off right-of-way temporary land use area required for the Project:

Note: TWS = Off right-of-way temporary work space

TWS for pull back West – 0.77 hectares

TWS for pull back East -1.16 hectares

HDD Rig entry – 0.34 hectares

North Entrance – 0.12 hectares

Stopples entry updated – 0.10 hectares

Camp and infrastructure areas – 3.47 hectares

Barge Landing – 0.46 hectares

Proposed borrow pit area for mud and slurry (mix and bury) – 3.81 hectares

## 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.

There are three planned camp site areas. One proposed camp will be co-located with a laydown yard and will be situated on a previously cleared area that has been used in the past for similar purposes. The other two camps are also proposed to be located on previously cleared areas. Together, the area for the camps and associated laydown yard total approximately 3.47 hectares. The camps and laydown yard will also be used for fuel storage. A figure depicting an anticipated camp layout is provided in **Appendix 4 – Spill Contingency Plan**.

The Project will require a peak workforce of approximately 80 people during the winter 2021 construction season. The proposed Project camp sites will be sufficient to house all workers. If additional staffing is required due to unforeseen events, sleeper trailers would be brought in to provide additional on-site accommodations. Due to the anticipated small scope of work for winter 2022 (less than 12 workers are anticipated to be required), no camp in 2022 is currently anticipated.

Person-days are estimated at approximately 4000.

## 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		Yes	X

The Project will utilize existing accesses to the extent feasible, including the Mackenzie Valley winter road and existing accesses permitted under Enbridge's operations and maintenance land use permit MV2013P0011.

An approx. 1.85 km access road from the proposed barge landing site on the east bank of the Mackenzie River to the winter road will be opened and utilized for the Project. This is a pre-disturbed access route that will be brushed to a width of approximately 10 metres.

The proposed camp sites/laydown yard will be accessed off the winter road.

Temporary access points will be opened from the winter road to the construction work sites (north and south) on the existing ROW. The winter access routes for the Project will be frozen-in except for a few low-lying areas where matting may be used. During the summer, the existing access trails will be evaluated and, where necessary, soggy and wet areas will be matted. The access trails will be reclaimed following construction and will be allowed to naturally revegetate. Refer to Appendix 5 – Closure and Reclamation Plan.

## 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](#).

Please refer to **Appendix 6 – Waste Management Plan**

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.

Enbridge has identified a number of potential options for waste disposal as outlined in **Appendix 6 – Waste Management Plan**. Enbridge commits to acquiring a letter of approval from the NWT waste facility (or facilities) prior to the commencement of construction.

## 12. EQUIPMENT

Please identify the types of equipment proposed to be used.

Please refer to **Appendix 7 – Equipment List**

### 13. FUEL

Please identify all fuel types proposed to be used.

Please refer to **Appendix 4 – Spill Contingency Plan**

### 14. METHODS OF FUEL TRANSFER

Please describe the proposed methods to transfer fuel.

Fuel for the Project may be transported to site by truck (via the winter road) or by barge (via the Mackenzie River).

Fuel may be transferred between storage containers and equipment/vehicles using a pump or hose, as applicable.

### 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 **Appendix 4 – Spill Contingency Plan**

### 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.

Anticipated Date:	Start	<i>August 2020</i>	Anticipated Completion Date:	<i>March 31, 2022</i>
<b>Anticipated Dates</b>	<b>Project Activities</b>			
Summer 2020	Construction of potential barge landing, clearing along access road, and installation of matting required for access to camp site. Construction/preparation of camp site.			
January 2021 – March 2021	Clearing, HDD construction, tie-ins, removal of existing pipeline, demobilization of equipment, haul-off drilling waste (if mix-bury-cover is not permitted).			
Summer 2021	Demobilization by barge of any equipment trapped by early spring break-up (back-up plan; only required if all equipment cannot be demobilized in winter).			
January 2022 – March 2022	If pipe removal is not completed in winter 2021, pipe removal will occur in winter 2022, followed by final clean-up and demobilization of any remaining equipment left on site.			
Term of Permit Requested:	Enbridge requests a permit valid for 5 years (includes 2 years post-construction).			

### 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.

Please refer to **Appendix 3 – Environmental and Socio-Economic Assessment**

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.

Please refer to **Appendix 5 – Closure and Reclamation Plan**

Please refer to **Appendix 9– Closure Cost Estimate**

## 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 Tłı̨chǫ 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:** An engagement plan and summary for the Project is provided in **Appendix 8 – Engagement Plan and Summary**

**Land Use Planning:** A Land Use Plan conformity table is provided in **Appendix 3 – Environmental and Socio-Economic Assessment**

**Traditional (Environmental) Knowledge (TEK/TK):** A TK Study for the Project is provided as Appendix E of **Appendix 3 – Environmental and Socio-Economic Assessment**

**Studies Undertaken to Date:** Studies undertaken for the Project are provided as appendices of **Appendix 3 – Environmental and Socio-Economic Assessment**. Studies undertaken to date include: Preliminary Environmental Studies Report (Appendix A of Attachment 2), Supplemental Environmental Studies Report (Appendix B of Attachment 2), Archaeological Overview Assessment (Appendix C of Attachment 2), Archaeological Impact Assessment (Appendix D of Attachment 2), and TK Study (Appendix E of Attachment 2).

**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):	--
<b>Total Fees:</b>	<b>\$150.00</b>

**21. SIGNATURE**

Enbridge Pipeline (NW) Inc.	
Applicant’s Name (print) or Company Name	Position (print)



Manager, Regulatory Affairs

Sarah McKenzie	June 30, 2020
Signature	Date

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