



Norman Wells Pipeline permit for off-right-of-way operations and maintenance



Map is for illustrative purposes only and not to scale.

Our Line 21 asset

Enbridge operates Line 21, also known as the Norman Wells Pipeline, which carries crude oil 870 kilometres (km) from Norman Wells, Northwest Territories to Zama, Alberta. At Zama, crude enters a third-party pipeline system and is sent on to Edmonton. The 12-inch-diameter, Line 21 pipeline travels approximately 750 km through the Northwest Territories and has operated since 1985 with an ongoing land-use permit. Enbridge pipeline assets in the Northwest Territories include pump stations and related facilities at Norman Wells, Wrigley and Mackenzie.

While most of our pipelines are buried underground, our systems also include many above-ground facilities along the pipeline route. Pump stations maintain flow in the pipeline and are monitored 24/7 by Enbridge's control centre. Valve sites are located along the pipeline right-of-way (ROW) and may be used to control the flow of products.

Line 21 (Norman Wells Pipeline)

- Nature of asset: 12-inch-diameter crude oil and liquids pipeline
- Status: Active
- Length: 870 km
- Average annual capacity: 5,000 barrels per day
- Products transported: Light sweet crude oil
- Emergency contact: 1 877-420-8800

Our project

Since the early-to-mid 1980s, Enbridge has had a land-use permit in place to assist in the diligent operation and maintenance of Line 21. The current land-use permit, MV2020P0006, was issued by the Mackenzie Valley Land & Water Board (MVLWB) on July 23, 2020, and will expire on July 22, 2025. In spring 2025, Enbridge will again apply to the MVLWB for a land-use permit for off right-of way activities for the operation and maintenance of the Line 21 from Norman Wells to the Alberta/Northwest Territories border. Those activities include:

- Use and maintenance of quarries;
- Use and maintenance of camps;
- Use and maintenance of all fire guards, workspaces, accesses, airstrip and related facilities;
- Use of equipment, vehicles and machines;
- Use and storage of herbicides; and
- Use and storage of fuel and hazardous materials.

There will be no new land use areas or activities proposed in the spring 2025 application to the MVLWB.

Enbridge is undertaking various engagement and communication activities with communities and groups in advance of the renewal application. We look forward to having active dialogue with all interested parties.

Project timeline

- **Q4 2023**
Notification of intent to renew land use permit
- **Q1 2024**
In-person engagement with stakeholders
- **Q2 2024**
Community meetings/information sessions in the Sahtu and Dehcho Regions
- **Q4 2024**
In-person engagement with stakeholders
- **Q1 2025**
Submit record of engagements and documents to stakeholder groups for review and input
- **Q1 2025**
Notification of intent to submit application to the Mackenzie Valley Land & Water Board
- **Q2 2025**
Submit application to Mackenzie Valley Land & Water Board

Project contacts

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