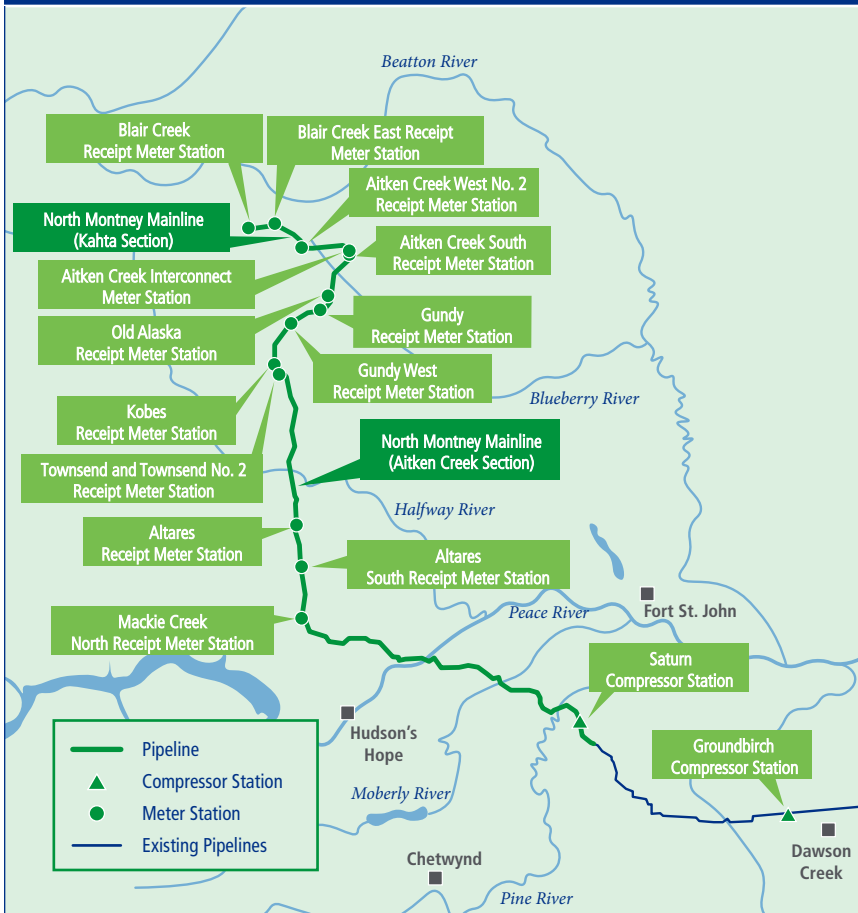


Proposed Project: North Montney Mainline Project



Project Details

NOVA Gas Transmission Ltd. (NGTL), a wholly owned subsidiary of TransCanada PipeLines Limited (TransCanada) is proposing to construct, own, and operate the North Montney Mainline Project (Project). The purpose of the project is to increase capacity on the NGTL system in order to meet growing customer demand.

The Project consists of a 206 kilometre (km), 42-inch pipeline, two compressor stations, and 14 meter stations. It will begin at a point within the existing Saturn section of the Groundbirch Mainline at 14-21-80-20-W6M and terminate at the Blair Creek Receipt Meter Station located in Unit 30, Block K, Group 94-G-7. The proposed Project is located within the Peace River Regional District in northeast British Columbia.

Over the past five years, TransCanada has undertaken extensive engineering and environmental studies, as well as engagement with stakeholders, landowners, municipalities, and Indigenous communities near the route and facilities to share information, gather input, and consider feedback.

In March 2017, NGTL filed a variance application with its regulator, the National Energy Board (NEB), to enable NGTL to proceed with specific components of the previously approved Project independent of any final investment decision related to LNG exports from the west coast of British Columbia (BC). In May 2017, NGTL filed seven applications to the NEB under Section 58 of the National Energy Board Act to construct and operate eight new meter stations. These additional meter stations are required to connect natural gas producer's facilities to the NGTL System and to transport this gas to markets across North America.

In May 2018, NGTL received a recommendation to approve the Project from the NEB. Subject to Governor in Council approval, NGTL intends to start construction in Q3 2018.

Project Schedule

- 2011** Began landowner, Indigenous, and stakeholder engagement
- Q3 2015** Received Project approval from the NEB
- Q1/Q2 2017** Filed variance application and meter station applications with the NEB
- Q3 2018** Subject to regulatory approval, commence construction activities
- Mid 2019** Anticipate the Aitken Creek Section and Groundbirch Compressor Station to be complete and placed into service
- Q2 2020** Anticipate the Kahta Section and Saturn Compressor Station to be complete and placed into service

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Stakeholder Engagement

We will be engaging with potentially affected and interested stakeholders through various forms of communications including meetings, phone calls and emails, brochures and information packages and more throughout construction of the Project.

TransCanada invites stakeholders to share their questions and concerns with us so that we can provide information, follow-up on concerns, and consider feedback as part of Project planning. We document the entire stakeholder engagement process including the issues raised by stakeholders and the ways we address these issues.

TransCanada is proud of the relationships we have built with our neighbours over the last 65 years. TransCanada's four core values of safety, integrity, responsibility and collaboration are at the heart of our commitment to stakeholder engagement. These values guide us in our interactions with our stakeholders.

Indigenous Engagement

Building and maintaining relationships with Indigenous communities near our proposed projects and existing facilities has long been an integral part of TransCanada's business.

Through ongoing information sharing, Indigenous groups are able to share their concerns and interests with TransCanada, which we consider as part of project planning. TransCanada also strives to create opportunities that support Indigenous group participation through community investment, scholarships and partnering with community contractors and businesses.

Community Benefits

The proposed Project will offer short-term and long-term economic benefits and help strengthen the economy on a local, provincial and national level.

Employment Opportunities – Construction will require the services of equipment operators, welders, mechanics, truck drivers, labourers and more.

Business Opportunities – Pipeline construction will create demand for local goods and services including food and accommodation, hardware, industrial parts, automotive parts and servicing, fuel and more.

Annual Revenue to Support Local Services – Project construction will result in tax payments to municipal, provincial and federal governments. When the Project is operational, annual tax payments will help support schools and hospitals, emergency services, recreation facilities, recycling programs and other local programs vital to sustaining communities.

Investment in Local Communities – Through our engagement with people in the areas we work, we will identify areas where we can help build stronger, safer and more vibrant communities through local partnerships and initiatives.

Building Stronger Communities

TransCanada awards contracts to qualified pipeline construction contractors through a competitive bid process, and works with them to provide local employment opportunities. Building stronger communities TransCanada awards contracts to qualified pipeline construction contractors through a competitive bid process, and works with them to provide employment local opportunities. We are proud of the local partnerships we have formed in communities where we operate, and we will continue to invest in these communities.

Environmental Considerations and Management of Potential Project Effects

TransCanada is committed to protecting the environment. As part of our corporate commitment to environmental stewardship and compliance with regulatory processes, TransCanada collects and analyzes environmental information to better understand and manage the potential effects of its projects. TransCanada collects data on a number of environmental elements including, but not limited to, soils and terrain, wildlife and wildlife habitat, vegetation and wetlands, fish and fish habitat, heritage resources, air emissions and acoustic environment, and socio-economic considerations such as land and resource use, infrastructure and services, and social and cultural well-being. This information is then considered during project planning and is used to develop the Project-specific Environmental and Socio-economic Assessment (ESA).

With the support of technical specialists, TransCanada carefully evaluates the potential project effects and implements proven and effective environmental protection and mitigation measures to minimize or avoid those effects. While all reasonable efforts are made to avoid effects, when they do occur they are typically temporary in nature. If effects



are anticipated to last beyond construction they are subject to ongoing mitigation and reclamation efforts. An Environmental Protection Plan (EPP) is developed to identify the necessary environmental protection measures to be implemented for the Project, which ensures responsible construction and results in a return to equivalent land capability.

What to Expect During Construction and Beyond

During construction, there will be an increase in traffic flow in and around the Project area. There will be heavy equipment onsite for use in earth moving, material handling/hauling, welding and testing. After the facilities have been constructed, there will be minimal traffic associated with ongoing operations and maintenance. Strict adherence to construction plans and commitments in the EPP will ensure that the effects of construction activities on local communities are minimized. Construction activities typically generate a certain amount of noise. TransCanada will work to meet applicable limits on noise throughout construction and ongoing operations.

Once construction has been completed, the land will be reclaimed to an equivalent land capability. Measures will be taken to prevent topsoil/surface material loss from wind and water erosion, and to establish a vegetative cover that is compatible with surrounding vegetation and land use. On freehold lands, landowners will have the right to fully use and enjoy the right-of-way subject to the terms of the right-of-way agreement and the National Energy Board Act and National Energy Board Damage Prevention Regulations. Crossing a pipeline with an agricultural vehicle is authorized if it meets the conditions of the National Energy Board Damage Prevention Regulations. Activities that do not require authorizations are: cultivation to a depth of less than 45 cm below the surface of the ground; or any other activity to a depth of less than 30 cm and that does not result in a reduction of the earth cover over the pipeline to a depth that is less than the cover provided when the pipeline was constructed.

Pipeline Safety

For more than 65 years, TransCanada has been a leader in the safe and reliable operation of North American energy infrastructure. From design to construction, to operations and maintenance, safety is integral to everything we do.

We use high quality steel and industry-leading welding techniques throughout our pipeline system to ensure we meet or exceed industry standards. We take additional safety precautions when the pipeline crosses roads, railways, waterways and communities.

During construction, welds are checked by x-ray and/or ultrasonic inspection methods and then we pressure-test the pipe, which is coated to protect against corrosion. We also use “smart pigs” – sophisticated inline inspection devices – to record information about the internal conditions of the pipeline.

TransCanada monitors its pipeline systems 24 hours a day, 365 days a year. Satellite technology sends data to our monitoring centre every five seconds. If a drop in pressure is detected, we immediately identify the problem area and isolate that section of the pipe remotely, closing the valves that control the flow of gas. Trained crews are dispatched by land or helicopter, depending on the location.

Emergency Preparedness and Response

The proposed Project will be designed, built and operated in a safe and environmentally responsible manner. In the unlikely event of an emergency, our comprehensive Emergency Response Program would be activated. We train our staff to know what to do in the event of an emergency, both during construction and ongoing operations. Our staff work with landowners, and area emergency responders to protect the health, safety or welfare of people, and to limit damage to property, company operations and the environment.

If there is an incident, we work closely with authorities, emergency responders and the media to ensure local residents are safe, and are aware of the situation.

In the event of an emergency, please contact TransCanada’s 24-hour emergency line at 1.888.982.7222. TransCanada’s policies and practices will be applied to this project.

Addressing Concerns

TransCanada’s approach to consultation and engagement with landowners, stakeholders and Indigenous communities, is designed to inform and to address

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issues or disputes to reach a mutual resolution or mitigate effects. We work hard to address questions and resolve issues raised by those who are potentially affected by TransCanada's projects. We consult early and often, invite feedback, and continue to provide updates and address concerns throughout the regulatory process and the lifecycle of the project.

TransCanada's preferred method for addressing the concerns of landowners, stakeholders and Indigenous communities is through direct and respectful discussion. Issues received or identified during these discussions are systematically tracked and followed up on to promote mutual resolution and positive interest-based outcomes. In the event that mutual resolution through this approach is not achievable, the parties may consider use of the National Energy Board's collaborative Alternative Dispute Resolution (ADR) Process.

About TransCanada

We are a Canadian company, with over 65 years of experience building and operating pipelines throughout North America. We are an industry leader in safety and reliability. We believe in making a positive difference in the lives of others by investing in our communities. TransCanada takes our commitment to being a good neighbour seriously and takes pride in being a strategic community partner and an employer of choice.

TransCanada plays a vital role in connecting energy supplies to key North American markets with assets in our natural gas pipelines, energy, and oil pipelines portfolios.

We operate one of the largest natural gas transmission networks in North America – 90,300 km – tapping into virtually every major gas supply basin and transporting over 25 per cent of the continent's daily natural gas supply. We are North America's third largest provider of natural gas storage and related services with more than 664 billion cubic feet of storage capacity.

Our success is a reflection of our exceptional team of almost 7,700 employees who bring skill, experience, energy, and dedication to the work they do every day. Our employees are an important part of the communities where we live and operate in 7 Canadian provinces, 34 U.S. states and 5 states in Mexico.

You can find out more about our business, our history, and our focus on the future by visiting www.TransCanada.com.



Contact Us

We invite you to contact TransCanada with any questions or comments you have about the proposed project:

Phone: 1.855.895.8754

Email: community_relations@transcanada.com

www.transcanada.com

or write the project team at:

TransCanada

450 – 1st Street SW

Calgary, Alberta T2P 5H1

If you would like further information regarding the National Energy Board's approval process, we would be pleased to provide you with information or you can contact the regulator directly:

National Energy Board

517 Tenth Avenue SW

Calgary, AB T2R 0A8

Phone: 1.800.899.1265

Email: info@neb-one.gc.ca

www.neb-one.gc.ca

TransCanada periodically provides project information beginning at the early stages of project development, continuing throughout the life of the project. The information provided is intended to give people the opportunity for meaningful input. Please be aware that as projects progress, new information becomes available and details may change from the time of this printing. Please contact TransCanada (using the contact information listed above) with any questions.

