Drag Reducing Agent Project
Information Package

September 2025

ABOUT TRANS MOUNTAIN

Trans Mountain Corporation is a wholly owned subsidiary of the Canada Development Investment Corporation accountable to the Parliament of Canada. As a federal Crown corporation, Trans Mountain Corporation continues to build upon the company's 70 years of experience delivering operational and safety excellence as Canada's only pipeline system transporting oil products from Edmonton, AB to the West Coast. Throughout Trans Mountain's history there have been upgrades and optimization projects, including the Pump Station Expansion in 2007, the Anchor Loop Project in 2008 and the Trans Mountain Expansion Project completed in 2024.

The Trans Mountain Expansion Project began commercial operations on May 9, 2024 following the construction of Line 2, which expanded the pipeline system capacity from 300,000 barrels per day (bpd) to approximately 890,000 bpd. The expanded pipeline system provides access to global markets for Canadian oil and uses a "batching" process to move different products sequentially through the same pipe.

More information is available at www.transmountain.com.

PROJECT DETAILS

Trans Mountain Pipeline ULC (Trans Mountain) intends to apply to the Canada Energy Regulator (CER) for authorization to implement use of a Drag Reducing Agent (DRA) on two pipelines within the Trans Mountain pipeline system (the Project).

This information package has been prepared to support early engagement activities with potentially affected persons, Indigenous groups, stakeholder communities, neighbours, and governments prior to Trans Mountain submitting its application to the CER. The Information Package provides an overview of the Project, the purpose of DRA units, the proposed locations, key milestones, and potential impacts of the Project.

The Project includes the installation of an 8 x 40 foot (320 sq ft) Sea Can like building which stores an injection pump, power and communication equipment to allow for monitoring and operation from Trans Mountain's control center. DRA, when injected into a pipeline carrying petroleum product, acts as a lubricating agent which reduces friction within the pipeline to improve flow efficiency, thereby increasing throughput capacity without the need for significant new infrastructure. The Project entails the installation of DRA units, which serve as a delivery mechanism to inject DRA into the pipeline, located at existing Trans Mountain pump stations. The Project will be completed within the fence line of each pump station as detailed below.

Conducting meaningful engagement with Indigenous groups and stakeholders is an important part of this process to ensure that local input, environmental considerations, and safety standards are addressed before proceeding with implementation.

BACKGROUND

The Project is being advanced as part of Trans Mountain's ongoing commitment to optimize the safe and reliable operation of its pipeline system. By strategically installing DRA units across the system and alongside existing facilities, Trans Mountain aims to increase pipeline capacity and operational efficiency in a cost-effective and environmentally responsible manner.

The proposed Project builds upon the success of a pilot DRA unit installation and operation at Trans Mountain's Blackpool pump station, where performance testing and operational data analysis confirmed the benefits of DRA injection. When complete, the Project provides Canada with timely and significant economic benefits, as it will result in up to a 10 per cent throughput increase (or approximately 90,000 bpd) above the existing 890,000 bpd throughput capacity of the Trans Mountain system.

LOCATION AND DESCRIPTION OF ACTIVITIES

The Project will involve the installation and operation of 17 DRA units: one existing unit along Line 1 which may be modified as a part of the Project[1], and 16 DRA units will be installed along Line 1 and Line 2 at 13 pump stations, as detailed in Table 1 below. These sites have been strategically selected to optimize performance and efficiency gains across the system.

Table 1: Pump Station Locations – DRA Project

Line 1 (9 Pump Stations)	Line 2 (8 Pump Stations)
Hinton	Hinton
Jasper (Existing DRA Unit)	Blue River
Rearguard	McMurphy
Chappel	Blackpool
Finn Creek	Black Pines
McMurphy	Kamloops
Blackpool	Kingsvale
Darfield	Hope
Black Pines	

Key activities of the Project will include:

- Detailed site assessments to determine suitability and site-specific requirements
- Engineering design of units and integration plans
- Procurement and fabrication of DRA units
- Installation of DRA units at designated locations
- Commissioning and integration of the DRA units with existing pipeline operations
- Supporting works, including civil, electrical, and instrumentation upgrades to ensure safe and reliable operations

When the proposed Project is complete, Trans Mountain will monitor and maintain the units in accordance

[1] Trans Mountain currently has an existing DRA unit installed at Jasper Pump Station. Once the selection of vendor has been finalized, the DRA unit may be replaced to be compatible for the services of that vendor.

with its facilities maintenance program.

Figure 1, below, provides an overview map of the pump station locations where the DRA units are planned to be located. Attachment 1 includes maps for each pump station, indicating the potential location and existing location of the DRA unit within the facility fence line at each site. Exact locations of the DRA unit at each pump station will be finalized as part of the Project's engineering process.

Figure 1: DRA Unit Pump Station Locations

PROJECT TIMING

Trans Mountain intends to file a CER application in Q1 2026 for approval to construct and operate the Project, with the intent to proceed with the Project starting in Q2/Q3 2026 through Dec 2026, subject to regulatory and permitting approvals.

ENGAGEMENT

Trans Mountain has prepared this information package to provide potentially affected persons, Indigenous groups, stakeholder communities, neighbours, and governments with necessary information about the Project.

Trans Mountain recognizes that the Project area is within the traditional territories of Indigenous groups that practice traditional land use activities. Trans Mountain is committed to keeping those impacted by and interested in its work informed. Trans Mountain also welcomes input for consideration and inquiries from those who are potentially affected by the Project, as it advances the Project design and necessary regulatory and permit applications.

It is Trans Mountain's practice to work to understand the interests of parties who may be impacted by its operation and construction activities and to address these interests to the extent practicable.

Additionally, the CER has several resources available that may assist interested parties in understanding the regulatory process and their options for participation. These resources may be viewed at: https://www.cer-rec.gc.ca/en/consultation-engagement/

Trans Mountain encourages anyone with questions or concerns to contact our information line at info@transmountain.com or 1.866.514.6700.

HEALTH, SAFETY AND EMERGENCY RESPONSE

Trans Mountain is committed to protecting the health and safety of its workers, contractors, Indigenous groups, landowners, neighbours and the public in the communities where it operates. The Project will be executed in accordance with Trans Mountain's established safety, environmental, and emergency management practices, as well as all applicable regulatory requirements.

A site-specific construction safety plan will be developed for the Project. This plan will address the unique hazards and risks that may be present at each site and will outline preventative measures, safe work procedures, and monitoring protocols to ensure safe execution of the work. If approved and implemented, regular safety meetings, job hazard analyses, and ongoing safety oversight and assurance will be conducted throughout Project installations.

In the event of an emergency, Trans Mountain has well-established procedures as part of its Emergency Management Program. These procedures are detailed in Trans Mountain's Emergency Response Plan (www.transmountain.com/emergency-response-plans), which provides guidance for responding to incidents such as spills, fires, or medical emergencies. Emergency response equipment, trained personnel, and communication protocols are in place to ensure a rapid and effective response, protecting people, property, and the environment.

Trans Mountain's ongoing commitment to safety and environmental stewardship means that the proposed Project will be carried out with the highest regard for protecting communities, workers, and the environment throughout construction, commissioning, and operation.

WHAT TO EXPECT

During Project installations, activities will take place at multiple pump stations along the Trans Mountain system.

Members of the public may notice the following:

- Increased activity: There may be trucks, equipment, and personnel at or near the pump stations.
- Temporary changes to access: Public access to surrounding roads and pathways will generally

remain open.

- Noise and lights: Standard construction noise from equipment and vehicles, as well as directed lighting on the construction area for early morning or evening work, may be noticeable.
- Equipment and construction materials will be transported to site by existing highway and municipal roads.
- Ongoing operations: Pump stations will continue to operate safely during DRA unit installations. All activities are planned to avoid interruptions to pipeline operations.

Trans Mountain is committed to minimizing disruption and ensuring the safety of the public, workers, and nearby communities. Trans Mountain thanks the public for their understanding and cooperation and encourages anyone with questions or concerns to contact our information line at info@transmountain.com or 1.866.514.6700. Safety remains the highest priority for both workers and the surrounding communities.

ENVIRONMENTAL AND SOCIO-ECONOMIC IMPACTS

Trans Mountain recognizes the importance of protecting the environment and supporting the well-being of local communities throughout the execution of the Project. The Project is designed to minimize impacts while enhancing the efficiency and reliability of the pipeline system.

Installation of the DRA units are planned to take place within existing Trans Mountain owned sites, which are graveled, void of environmental features and within the fence line. For this reason, the environmental impact of the Project installations is limited. However, Trans Mountain will have appropriate environmental protection measures in place, such as migratory birds and wildlife sweeps, spill prevention, erosion and sediment control and waste management practices.

Given the limited duration of Project activities at each pump station and limited workforce, the Project activities are similar to the scale and scope of routine maintenance activities and are not anticipated to have a material community impact related to workforce presence beyond existing activity levels.

Local communities: During construction activities, temporary increases in traffic and activity around the pump stations, such as noise, dust and additional lighting directed at the worksite may occur during installation. Mitigations will be in place to reduce impact.

Business opportunities: Trans Mountain will prioritize an Indigenous, local and regional approach for the Project which could create contracting opportunities during the fabrication, and construction phases.

Indigenous participation: Trans Mountain is committed to working with potentially affected Indigenous groups to identify opportunities for involvement in the Project and to address potential concerns.

Long-term benefits: By enhancing pipeline efficiency and throughput, the Project supports energy reliability, reduces the need for new large-scale infrastructure, and contributes to regional and national economic stability.

Overall, the Project is expected to have limited and temporary environmental and socio-economic impacts, with long-term economic benefits for Canada, along with improved pipeline performance.