

# Optimizing Trans Mountain's Pipeline System



Trans Mountain operates Canada's only pipeline system transporting oil and refined products to the West Coast. Our pipeline spans more than 1,180 kilometres in Alberta and British Columbia, and 111 kilometres in Washington state. We also operate Westridge Marine Terminal (WMT), a marine loading facility with three berths providing tidewater access to global markets. Since 1956, WMT has maintained a strong safety record, with no spills from vessel operations.

As a federal Crown corporation, Trans Mountain draws on more than 70 years of experience, consistently delivering operational, environmental and safety excellence.



**TRANSMOUNTAIN**

## The Pipeline System Today

The Trans Mountain pipeline system continues to deliver significant benefits for Canada and pipeline communities, including:

- Increased royalties and tax revenues
- Enhanced trade diversification
- Strengthened energy independence

### LOOKING AHEAD:

## Optimizing Our Pipeline System

Trans Mountain is committed to maximizing value for Canadians by pursuing opportunities to enhance efficiency and increase capacity.

Trans Mountain plans to optimize its existing pipeline system. With targeted improvements, system capacity could increase to approximately 1,190,000 barrels per day over the next few years.



The Mainline Optimization program includes two targeted initiatives: the Mainline Optimization Project (MOP) and the Drag Reducing Agent (DRA) initiative.

## Mainline Optimization Project

Currently in engineering and design, the proposed project could include:

- Adding approximately 30 kilometres of 36-inch pipe between Darfield and McLure, BC
- Installing additional pump capacity and undertaking other facility improvements between Edmonton and Burnaby
- To enable these improvements, additional power is required in BC and Alberta. Trans Mountain is working with electrical utilities in both provinces to ensure power needs are met.

## Drag Reducing Agent

This initiative would involve injecting DRA, an additive that reduces friction inside the pipeline and improves overall flow, increasing throughput by up to 10 per cent (approximately 90,000 bpd). Scope includes:

- Prefabricated equipment—including injection units, modules and delivery systems—at existing facilities between Hinton and Hope Stations

These are strategic investments that maximize the value of existing assets while delivering long-term benefits for Canada, the energy sector and communities along the route.

## Next Steps and Timelines

These optimization initiatives are subject to technical refinement, as well as a thorough consultation and engagement process, and a robust regulatory review.

The Canada Energy Regulator will lead the review process on any Trans Mountain proposed projects in Canada.

If these initiatives proceed, the pipeline system could be optimized in the next few years.

