



TRANSMOUNTAIN

Marine Progress Report

Second Edition

Fall 2021

Prepared by Trans Mountain in relation to the Expansion Project this semi-annual report provides progress updates on marine activities and key Marine Commitments and Conditions.

Trans Mountain is committed to providing updates on marine spill response enhancements, commitments, conditions, and Indigenous participation. This information is based on data received up to September 30, 2021 and may be subject to revisions and corrections.

As described in Trans Mountain's Condition 91: Plan for Marine Spill Prevention and Response Commitments (filed January 2020), Western Canada Marine Response Corporation (WCMRC) will deliver an enhanced response regime to meet requirements of the Canada Energy Regulator (CER) Condition 133. WCMRC is on track to implement these enhancements that will double WCMRC's existing response capacity and significantly reduce response time. For more information on WCMRC's programs, email info@wcmrc.ca.

NEW WCMRC South Coast Response Bases



Nanaimo response base construction

NEW Vessels



Key Regulatory Milestones

Conditions set out by the CER and the BC EAO:

NO.	NAME	DUE DATE	STATUS
6	Compliance with Commitments	Updates filed monthly	In progress
91	Plan for Marine Spill Prevention and Response Commitments	Condition Filed	Complete
132	Marine Mammal Protection Program	3 months prior to in-service	In progress
133	Confirmation of marine spill prevention and response commitments	3 months prior to in-service	In progress
134	Updated Vessel Acceptance Standard and WMTROG	3 months prior to in-service and annually for 5 years	In progress
144	Ongoing confirmation of marine spill prevention and response commitments	January after first year in-service and then annually	In progress
BC EAO 11	Indigenous Marine Outreach Program	3 months prior to in-service	In progress

Of 91 Marine Commitments*, 17 are for TERMPOL:



FULL-TIME Employment Opportunities

WCMRC

New Full-Time Positions **137**

Hired **110**

Remaining to Hire **27**

Trans Mountain is also hiring at Westridge Marine Terminal (WMT): transmountain.com/careers

*For details, see Condition 6 Commitment Tracking Table filed with the CER (C11818) on Friday, September 10, 2021.



Indigenous Engagement UPDATE

Since the Project was initiated in 2012, Trans Mountain has engaged directly with Indigenous groups along the shipping corridor in the Salish Sea.

With the challenges of COVID-19, engagement has continued where possible in a virtual format. In the spring of this year, Trans Mountain initiated a new round of pre-consultation engagement to provide Project updates and determine topics of interest for each marine Indigenous group. For example, the Indigenous Relations team distributed copies of the 2021 Marine Public Outreach Plan to get feedback on this year's outreach initiatives and how they can be improved for the coming years. Consultation on identified topics will continue throughout the fall and winter.



Marine Community Engagement UPDATE

Trans Mountain engages with coastal communities to raise awareness of marine safety measures, build new relationships and share information on Project progress.

During this reporting period, the first edition of the Marine Progress Report was shared with key coastal community stakeholders in response to feedback for more transparent reporting on progress in meeting marine conditions and commitments. Trans Mountain continued to meet regularly with WCMRC to track progress in the implementation of the Enhanced Response Regime (Condition 133 b) in coastal communities. Trans Mountain also attended community events and conferences such as the Association of Vancouver Island and Coastal Communities Conference and the Lower Mainland Local Government Management Association Conference to better understand community interests, to share Project information and respond to questions about marine matters associated with the Trans Mountain Expansion Project.

Trans Mountain continues to share construction updates across all its communications channels and through engagement with stakeholders in Burrard Inlet. For example, in September 2021 expansion at Westridge Marine Terminal achieved a significant milestone, surpassing 50 per cent completion!



Marine Environment Safety UPDATE

Engagement continued with marine regime stakeholders and shipping industry organizations such as the marine pilots and the port authority on the future reconfiguration of the marine construction safety boom at WMT.

Trans Mountain engaged in and provided feedback on Government of Canada marine initiatives including Enhanced Maritime Situational Awareness, the Traffic Separation Scheme Feasibility Study and other Ocean Protection Plan programs. Updates on navigation safety and WMT design features were also provided to the TERMPOL Review Committee.

For more information on TERMPOL visit: transmountain.com/termpol

Since March 2021, Trans Mountain conducted two full-scale worst-case exercises that included virtual command posts; one scenario was for WMT in April and the other for the Puget Sound Pipeline in September. For the fourth consecutive season of Southern Resident Killer Whale interim protection measures, Trans Mountain Loading Masters continued active encouragement of participation in Enhancing Cetacean Habitat and Observation (ECHO) Program voluntary slowdown initiatives for vessels that call at WMT. Transport Canada announced support for an Active Vessel Traffic Management (AVTM) strategy, which will lead to more efficient vessel traffic movements through the Port of Vancouver. Trans Mountain will continue to engage with the port authority and industry working groups associated with AVTM with a focus of maintaining navigation safety for Project vessels.

For more information visit:

portvancouver.com/environmental-protection-at-the-port-of-vancouver/maintaining-healthy-ecosystems-throughout-our-jurisdiction/echo-program/projects
portvancouver.com/marine-operations/avtm

Upcoming engagement will be on key topics that include:

- CER Condition 133 a (Enhanced Tug Escort)
- CER Condition 133 b (Enhanced Response Regime)
- CER Condition 132 (Marine Mammal Protection Program)
- Westridge Marine Terminal – Marine Construction Safety Boom
- BC EAO Condition 11 (Support for safe Indigenous traditional marine use and spill response education and awareness)

Engagement Themes

Trans Mountain will continue to share information and engage in dialogue with coastal communities and marine regime stakeholders of the Salish Sea.

Our focus is on these four key themes:

1. Marine Spill Prevention
2. Marine Spill Response
3. Marine Mammal Protection
4. Westridge Marine Terminal Operations



We Support Water Safety in Indigenous Communities

Trans Mountain recently teamed up with Transport Canada (TC) to create lifejacket libraries for more than 30 West Coast Indigenous communities.

These libraries loan lifejackets donated by Trans Mountain to community members of all ages and sizes who need one to enjoy water-based activities safely.

This initiative supports Transport Canada's Office of Boating Safety mandate to educate boaters and save lives by using the proper equipment, gaining the knowledge and respect for our water environment and wearing lifejackets for water-based activities. It also contributes to Trans Mountain's compliance with BC EAO Condition 11 - Indigenous Marine Public Outreach.

The TC Boating Safety Officer who worked with Trans Mountain to make the lifejacket initiative possible aims to make sure recreational users understand and follow the regulations for boating and other activities like kayaking, jet skiing, standup paddleboarding and fishing. Given our local frigid waters, wearing a lifejacket can help save a person's life in the event of an emergency.

Since 2015, Trans Mountain has been celebrating Safe Boating Week. To ensure marine safety, including boating safety near deep draft commercial vessels such as tankers, we have included input from marine stakeholders in a summary of Transport Canada's Collision Regulations – essentially the "rules of the road" for the water.

For more information visit:

tc.canada.ca/en/marine-transportation/marine-safety/office-boating-safety



TRANSMOUNTAIN

COMMITTED TO SAFETY SINCE 1953.

info@transmountain.com | 1.866.268.3001

transmountain.com