



**TRANSMOUNTAIN**

# Marine Progress Final Report

Spring 2024

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

Throughout the Expansion Project, Trans Mountain has provided updates on marine spill response enhancements, commitments, conditions and Indigenous participation. This information is based on data received up to February 29, 2024 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) has implemented an enhanced response regime to meet requirements of the Canada Energy Regulator (CER) Condition 133. These enhancements have doubled its response capacity and cut in half response time. For more information on WCMRC's programs, email [info@wcmrc.ca](mailto:info@wcmrc.ca).

## NEW WCMRC South Coast Response Bases



## NEW Vessels



### Key Regulatory Milestones

All pre-operations conditions by the CER and the BC EAO have been met:

NO.	NAME	DUE DATE	STATUS
6	Compliance with Commitments	Updates filed monthly	In progress
91	Plan for Marine Spill Prevention and Response Commitments	Condition filing accepted	Complete
132	Marine Mammal Protection Program	Condition filing accepted	Complete
133	Confirmation of marine spill prevention and response commitments	Condition filing accepted	Complete
134	Updated Vessel Acceptance Standard and WMTROG	Annually for 5 years First of 6 reports filed Nov 2023	Ongoing
144	Ongoing confirmation of marine spill prevention and response commitments	Annually after first full year of operations	Ongoing
BC EAO 11, 38, 39	Indigenous Marine Outreach Program, Human Health Risk Report and Existing Shoreline Condition Report	Conditions filed	Complete

## FULL-TIME Employment Opportunities

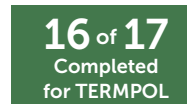
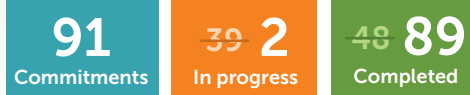
### WCMRC

New Full-Time Positions **137**

Hired **125**

Remaining to Hire **12**

Of 91 Marine Commitments\*, 17 are for TERMPOL:



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

\*For details, see Condition 6 Commitment Tracking Table filed with the CER (C11818) as of March 10, 2024.



## Marine Community Engagement UPDATE

Trans Mountain engages with Indigenous and coastal communities along the shipping corridor in the Salish Sea to raise awareness of marine safety measures, build new relationships and share information on Project progress. Key highlights from the past eight months include:

**Indigenous Marine Outreach:** Trans Mountain continues to engage with coastal Indigenous communities along the marine shipping corridor, actively sharing valuable resources on marine-related subjects and research. Communication efforts for Indigenous Marine Outreach in the spring and summer of 2023 focused on boating safety in proximity to deep-draft commercial vessel traffic, while concurrently providing information concerning the future movements of vessels associated with the Project. The outreach on safe boating was prolonged and enriched with additional engagement initiatives.

**Westridge Marine Terminal (WMT):** Marine pilots continue with live trials at the new Berth 1 since July 2023 and have provided good feedback to date. Trans Mountain will continue to engage with marine stakeholders for the commissioning of Berths 2 and 3 and the new Westridge delivery lines.

**Marine Conditions:** Trans Mountain has met all pre-operating conditions, including the Marine Mammal Protection Program (C132). Once the expanded system is in service, Trans Mountain will develop operating procedures to action the requirements for some of these conditions. The next round of regulatory filings required by Trans Mountain will occur in 2025.

**BC EAO Condition 38:** To fulfill Condition 38, Trans Mountain conducted extensive engagement with potentially affected local coastal governments, health authorities, applicable government agencies and coastal Indigenous groups on the Human Health Risk Report (HHRR). Trans Mountain would not be involved in a ship source spill response, however the HHRR was developed to help inform a spill response for authorities that would be involved such as local health authorities, federal agencies and the responsible party (shipowner). Feedback received on topics such as spill modelling and human health risk pathways informed the spill response recommendations for the agencies responsible to consider that prioritize human health. One pre-spill response strategy recommended in the HHRR is to consult with the community to identify shoreline areas of high importance for harvesting, recreational and traditional activities so they may be prioritized in the event of a marine oil spill.



## Marine Environment Safety UPDATE

Engagement continues with marine regime stakeholders and shipping industry organizations, such as the Vancouver Fraser Port Authority and marine pilots, on safe, efficient and environmentally responsible shipping. Key highlights from the past eight months include:

**Vessel Acceptance Standard (VAS) and Westridge Marine Terminal Regulations and Operations Guide (WMTROG):** The VAS and WMTROG demonstrate Trans Mountain's commitment to conduct operations safely at Westridge Marine Terminal (WMT); in November, Trans Mountain refilled these living documents with the CER and are posted to [transmountain.com/tolls-tariffs](https://transmountain.com/tolls-tariffs). The updated VAS and WMTROG will go into effect once the expanded system is in service and the first vessel is nominated to call at WMT. One requirement outlined in the enhanced VAS pertains to enhanced tug escort between WMT and Buoy J. Tankers nominated to load at WMT must have a suitable arrangement in place before departing the terminal. KOTUG Canada will provide this service with two escort tugs.

**Active Vessel Traffic Management (AVTM):** The Centralized Scheduling System (CSS) was launched in October to improve the movement of traffic through the Second Narrows Traffic Control Zone (TCZ-2). Trans Mountain continues to engage with the Vancouver Fraser Port Authority, as part of an industry group, to provide feedback on the new system. Trans Mountain also supports the proposed Berry Point TCZ-2 and TCZ-3 Range Light Installations, located approximately 100 m off the coast of Berry Point in Burrard Inlet. For more information about the CSS and other Port-led initiatives, visit its website at [portvancouver.com](https://portvancouver.com).

**Industry Engagement:** As Trans Mountain prepares for the expanded system to go into service, it will continue to meet and share relevant information with the marine regime to support the increase of vessel traffic in the Salish Sea. Trans Mountain also continues to engage with WCMRC on its enhanced marine oil spill response regime. In October, WCMRC confirmed it has implemented the enhancements thus increasing response capacity and decreasing response time along the Salish Sea shipping route.

**Washington State:** Trans Mountain serves Washington state refineries via the Puget Sound Pipeline and tankers that depart from Westridge Marine Terminal traverse through shared Canadian and US waters. Trans Mountain will continue to actively engage in marine forums, including the Puget Sound Harbor Safety Committee and initiatives led by the Washington State Department of Ecology, the U.S. Coast Guard and other entities focused on safe and efficient marine transportation. Washington will remain an important part of Trans Mountain's engagement for cross-border marine issues.



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## Trans Mountain's annual SAFE BOATING CAMPAIGN update

As part of the marine community on the Salish Sea, Trans Mountain actively supports the Pacific Pilotage Authority and Transport Canada's work to raise awareness about boating safety in the vicinity of deep-sea vessels. Trans Mountain's annual Safe Boating Campaign is designed to raise awareness



of safe boating practices in shared waterways, including the navigation channels near Westridge Marine Terminal. The campaign is typically executed throughout the third week in May to align with Safe Boating Awareness Week.

Did you know that deep-sea vessels, such as tankers, bulk

carriers and container ships, can take up to two nautical miles to come to a complete stop because they do not have brakes? This information was featured in Trans Mountain's Safe Boating Knowledge Quiz, an interactive engagement tactic aimed at assessing one's knowledge of safe boating practices. Trans Mountain promoted the quiz across its digital communication channels as part of the 2022 and 2023 Safe Boating Campaigns. Participants who met the eligibility criteria were entered into a draw to win a prize package valued at more than \$900.

In 2023, Trans Mountain executed an extended Safe Boating Campaign to accommodate additional engagement and communication tactics. Inspired by feedback received from the Chief of Sc'ianew First Nation, Trans Mountain developed a children's activity booklet to educate waterway users on different types of deep-sea vessels. The booklet included a colouring page, activities and illustrations of the deep-sea vessels that traverse the Salish Sea. It was mailed directly to Indigenous communities on the BC South Coast along with crayons and safe boating handouts from the Pacific Pilotage Authority.

The Safe Boating Campaign is part of Trans Mountain's Marine Outreach Program, a continuation of engagement and information sharing with coastal Indigenous communities as well as marine stakeholders neighbouring Westridge Marine Terminal and along the shipping corridor. The Marine Outreach Program complies with marine shipped-related conditions and commitments of the Trans Mountain Expansion Project and the first of three reports was filed with the BC EAO in November 2023.

Follow Trans Mountain's social media channels for updates on the upcoming 2024 Safe Boating Campaign set to launch this spring.