

VIA ELECTRONIC SUBMISSION

15 JUNE 2017

National Energy Board
Suite 210, 517 Tenth Avenue S.W.
Calgary, Alberta T2R 0A8

To: Ms. Sheri Young, Secretary, National Energy Board

Dear Ms. Young:

Re: Trans Mountain Pipeline ULC ("Trans Mountain") – Trans Mountain Expansion Project ("Project")
Condition 117: Reporting on Improvements to Trans Mountain's Emergency Management ("EM") Program
NEB File: OF-Fac-Oil-T260-2013-03 02

Please find enclosed Trans Mountain's compliance filing in relation to Project Condition 117. This condition compliance filing relates to the following legal instruments:

- OC-064 (CPCN)
- XO-T260-009-2016 (Pump 2)
- XO-T260-010-2016 (Tanks)

Phased Filings

On January 16, 2017, Trans Mountain filed a Phased Condition Matrix ([A511J9](#)) with the Board wherein it established 39 Project phases. The appended filing relates to the following phases except:

- 5: Jasper Pump Station
- 6: Black Pines Pump Station
- 7: Kamloops Pump Station
- 8: Sumas Pump Station
- 21: Line 1 (Valves)
- 22: Hinton to BC Border Reactivation
- 23: BC Border to Hargreaves Reactivation
- 24: Darfield to Blackpines Reactivation
- 25: Wolf Pump Station Deactivation

Condition 117: Reporting on Improvements to Trans Mountain's Emergency Management Program

The text of Condition 117, as established by the Board, is as follows:

Trans Mountain must file with the NEB, **at least 2 years and 1 year prior to commencing operations**, detailed updates for the company's review of its Emergency Management Program (toward meeting the requirements of Condition 124). This filing must include:

- (a) a summary of work undertaken to-date;
- (b) the approximate timing for completing remaining work; and
- (c) a summary of parties that were consulted (Condition 90) and how their comments and feedback were considered in improving the program.

Attachment 1 to this letter includes a concordance table that shows where each aspect of the Condition is addressed in the attached material.

Summary of Material Filed

Attachment 1 to this letter includes the following document(s):

- Reporting on improvements to Trans Mountain's Emergency Management Program for the Trans Mountain Pipeline ULC Trans Mountain Expansion Project: NEB Condition 117, hereinafter the "Report".

Condition 117 requires Trans Mountain to identify the input received, the enhancements incorporated into the EM Program thus far, and the estimated timeline for completion of remaining work. The Trans Mountain EM team initiated its Consultation Plan as outlined in the NEB Condition 90 Report to consult and engage with identified stakeholders, Aboriginal communities, and landowners along the pipeline corridor regarding its EM Program.

This Report provides an update of Trans Mountain's review and enhancement of its EM Program. The Report details the updates to the EM Program as a result of a structured review and consultation and engagement with stakeholders, Aboriginal communities, and landowners. The enhancements that have been made to the EM Program to date, those in the process of being incorporated, and the timetable for further enhancements to the EM Program are described. The parties with whom Trans Mountain has consulted with so far are also communicated in the Report. It will be demonstrated how stakeholder, Aboriginal community, and landowner feedback and input is documented and considered in enhancing Trans Mountain's EM Program.

The Incident Notification Procedure, housed in the Emergency Response Plans (ERP), has been enhanced as a result of input provided by many stakeholders and Aboriginal communities.

Inclusion of the notification of an incident of First Nations with Traditional Territory affected has been added, a result of input from Chawathil First Nation and other Aboriginal groups. Safety Data Sheets will now be part of the information to relay in the notification and instructions for the Liaison Officer role within the ICS Guide have been expanded to include Coordination Calls.

Input submitted by Parks Canada, the Village of Valemount, Health Emergency Management British Columbia, and others, has led to Trans Mountain enhancing the Incident Command System (ICS) Guide. A Science Table has been added to the Planning Section of the ICS to ensure that relevant experts in the field of environmental protection can provide comprehensive and coordinated advice. Also added to the Planning Section was a Situation Unit Leader Assistant role and guidance on establishing a Waste Management Plan.

Trans Mountain heard from the Royal Canadian Mounted Police and other police agencies along the pipeline corridor about the need for Trans Mountain to contain reference to the police incident command structure (Gold, Silver, Bronze) as well as expanding on actions to be carried out in the event of a pipeline incident being malicious. This input has resulted in expansion and additional detail incorporated into the Security Procedures within the ERP.

The Westridge Marine Terminal ERP has unique requirements. The Part III Westridge Workshop in 2016 allowed stakeholders and Aboriginal communities to discuss the ERP specific to Westridge in detail. Based on input that was received at this forum, and subsequent one-on-one meetings with stakeholders and Aboriginal communities, enhancements to the ERP have been made and are still in progress. Consultation with the Canadian Coast Guard is leading to the incorporation of strategies from the Greater Vancouver Integrated Response Plan for Marine Pollution Incidents. The Burrard Industrial Mutual Assistance Agreement, a mutual aid agreement ratified in 2016, helps to optimise the response capability to an incident at the Westridge Marine Terminal, Burnaby Terminal and along the right-of-way.

Geographic Response Plans (GRP) are a feature of the enhanced EM Program and have been a key component in consultation and engagement with stakeholders, Aboriginal communities, and landowners. Additional data points relating to control points, access, features of interest, and high consequence areas were all provided to Trans Mountain. Fieldwork conducted with stakeholders, Aboriginal communities, and landowners giving advice have led to the production of enhanced GRP data sheets. The GRP will be provided to stakeholders and Aboriginal communities to review and provide further feedback in 2018, which Trans Mountain will consider in further enhancements.

Consultation regarding Fire Pre-Plans and Fire Plans has generated input from multiple fire departments, particularly those departments in which the Terminals reside- Strathcona County, AB, Abbotsford, BC and Burnaby, BC. Their input has directly enhanced these plans, with more direction noted in the fire tactical plans and revised, detailed tactical drawings.

ERP supplements are new tools developed to provide targeted information. ERP supplements for schools, Aboriginal communities, and municipal authorities are a direct response to input provided by each of these entities. Schools articulated a need for a simple guide to relay to their school communities the indications of a pipeline incident and the actions that they should take in

order to safeguard pupils and staff. Trans Mountain produced an ERP supplement to serve this purpose. This then acted as a template for the Aboriginal Community ERP Supplement speaking to the needs Aboriginal communities. A Municipal Authority Supplement and a Fire Department Supplement are currently in production and will address their specific needs in the case of a pipeline incident.

Other plans that supplement the ERP are currently in production. Input provided by Vancouver Coastal Health, Fraser Health, and Health Emergency Management British Columbia is enabling Trans Mountain to enhance the Emergency Air Monitoring Plan. A suggested Convergent Volunteer Management Plan has been developed and Trans Mountain is currently consulting with stakeholders and Aboriginal communities to receive their input into the plan and subsequently enhance it. An Oiled Wildlife Plan for the mitigation and protection of wildlife is being produced, in addition to a Submerged and Sunken Oil Plan, based on feedback received during consultation.

Consultation and engagement with stakeholders and Aboriginal communities with regard to equipment availability has led Trans Mountain to relocate and supplement response equipment. An Oil Spill Containment and Recovery (OSCAR) Unit has been relocated to Abbotsford, BC; additionally, supplemental response equipment has been moved to Gainsford, Alberta in response to input from the Village of Wabamun. New response equipment has been added, which includes the introduction of Wildfire Trailers, Winter Response Equipment and Wildlife Trailers. Continued enhancements will be made to equipment as consultation continues.

Stakeholders and Aboriginal communities have confirmed the strong exercise and training program Trans Mountain has in place. The exercise participation list has been expanded and Community Awareness and Emergency Response training enhanced based on input received. Additional pre-exercise training is being factored into the Exercise Standard. Input provided by the Thompson-Nicola Regional District during the Part II Kamloops workshop recommended an exercise incorporating two locations – field and Incident Command Post. In May 2016, Trans Mountain conducted a full-scale exercise with the Incident Command Post located in Kamloops, BC and a simultaneous field deployment exercise in Merritt, BC, allowing Trans Mountain to work collaboratively with regional partners.

The Trans Mountain's EM Program is being enhanced significantly as a result of meaningful consultation and engagement with stakeholders, Aboriginal communities, and landowners. Consultation with subject matter experts is allowing important changes to be made and strong working relationships to build. The enhancement process is ongoing and further changes will be made as stakeholders, Aboriginal communities, and landowners continue to work with Trans Mountain.

Should you have any questions or wish to discuss this matter further, please contact the undersigned at regulatory@transmountain.com or (403) 514-6400.

Yours truly,

Original signed by

Scott Stoness
Vice President, Regulatory and Finance
Kinder Morgan Canada Inc.

Enclosure:

Attachment 1: Condition 117 Compliance Filing