

Attachment 4 Non-routing variances or design changes

Certificates

The Trans Mountain pipeline was constructed from Edmonton, Alberta to Burnaby, British Columbia in 1953. Certificate OC-2 authorizing the operation of the oil pipeline system, including the Edmonton Terminal and Niton Pump Station, came into force in 1960. Certificate OC-49 authorizing the construction and operation of a pipeline loop from Hinton, Alberta to a location near Rearguard, British Columbia and associated facilities, including Wolf Pump Station, came into force in 2006. In order to effect the TMEP, Trans Mountain applied, as part of its 2013 Project application, to decommission Edmonton Terminal Tank No. 9, to reactivate Niton Pump Station, and to deactivate Wolf Pump Station, among other things. The Board and the GIC approved these amendments in 2016.¹

As a result of design evolution and optimization of the TMEP, Trans Mountain subsequently applied for a variance to maintain the Edmonton Terminal Tank No. 9 and Wolf Pump Station in operational service and to maintain the Niton Pump Station in a deactivated state.

Board orders

The Board issued five orders to Trans Mountain authorizing work related to the TMEP in 2016, which were contingent on the issuance of Certificates approving the TMEP. Trans Mountain made design change applications in respect of the orders relating to Line 1 and Line 2 pump stations as well as the construction and operation of new tanks.²

Application description	Process status	Amending order(s)
Application to vary two Certificates to change the status of the Niton and Wolf Pump Stations and Edmonton Terminal Tank No. 9	Completed	AO-004-OC-2 AO-003-OC-49
Application to vary two orders in respect of pump station design changes at Sumas Pump Station and Kamloops Pump Station	Completed	AO-001-XO-T260-008-2016 AO-001-XO-T260-009-2016
Application to vary an order in respect of changes to the Burnaby Terminal tank configuration	Completed	AO-001-XO-T260-010-2016
Application to vary an order in respect of the tanks and secondary containment at the Edmonton Terminal West Tank Area	In progress	

¹ Amending Orders [AO-003-OC-2](#) and [AO-002-OC-49](#).

² Orders [XO-T260-008-2016](#), [XO-T260-009-2016](#), and [XO-T260-010-2016](#). Note that the City of Burnaby brought an application to rescind Order XO-T260-0010-2016 in light of the *Tsleil-Waututh* decision, which the Board [denied](#).