

INDIGENOUS MONITOR OVERVIEW REPORT

Month: December 2019

Indigenous Monitor days on-site: 15

Project Region: Edmonton (Spread 1)

Kilometre Posts (KPs) monitored: 18-42

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

As part of its Compliance Management Plan, the Trans Mountain Expansion Project (the Project) has retained Indigenous Monitors as integrated members of its construction Environmental Inspection team. Indigenous Monitors work with Environmental Inspectors to monitor compliance with mitigation measures in order to minimize impacts to traditional resource use and cultural/heritage sites during construction. Indigenous Monitors have a strategic role in providing traditional knowledge directly and pragmatically to construction oversight practices and bring an Indigenous lens to daily environmental inspection activities.

This Overview Report provides highlights of the Indigenous Monitors' day-to-day work and key mitigation measures observed by the Monitors related to Project construction in the Edmonton Region. The purpose of this report is to provide an update on Indigenous Monitor activity to Indigenous groups.

During this reporting period, key Project activities in the Edmonton Region were associated with geotechnical sampling for soil conditions, harvesting of traditional medicine and construction of the Project right-of-way in wetland areas. During December, 1.4 kilometres of pipe was welded and coated, had leak detection installed and was lowered into backfilled areas near Edmonton.

For more information: email info@transmountain.com or call 1.866.514.6700.

Geotechnical Sampling for Soil Conditions

To better understand surficial and sub-surface geology, Trans Mountain conducted a limited scope of geotechnical work. Geotechnical sampling allows engineers and geologists to understand the soil bearing pressure, soil load, soil characteristics and possible groundwater location for planning purposes.

The Indigenous Monitors performed inspection and monitoring activities during the geotechnical soil sampling.



Geotechnical matting

Harvesting of Traditional Medicine

During Project construction, an Indigenous Monitor noticed a traditional medicine growing on a birch tree. The Indigenous Monitor harvested the traditional medicine and took the opportunity to share the traditional knowledge with other members of the Environmental Inspection team.



Harvesting of traditional medicine from a birch tree

Construction in Wetland Areas

Construction occurred through some wetland areas. Key mitigation during construction in wetland areas includes using equipment working on mats to construct the containment berms/barriers and restriction of vegetation removal only to that area necessary for pipe installations.

The Indigenous Monitor was inspecting and monitoring during wetland areas currently under construction.



Construction of Project right-of-way in wetland areas

Indigenous Monitor Request Dashboard

Indigenous Monitors are provided with daily on-site field support from Environmental Inspectors and office support from Indigenous Monitoring Coordinators. Indigenous Monitors can also make specific support requests or submit questions through their daily report. Examples include but are not limited to: request for Project reports, input from an environmental resource specialist or on-site support from an Elder or other cultural knowledge holder. Monthly requests and their completion status are noted below.

Status	Number and Type of Requests				
	Project Reports/Documents	Environmental Resource Specialists	Elder/Cultural Knowledge Holder	Other	Total
Total	0	0	0	0	0
<i>Fulfilled</i>	-	-	-	-	-
<i>Outstanding</i>	-	-	-	-	-

This report has been reviewed by the active Indigenous Monitor(s)

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