

INDIGENOUS MONITOR OVERVIEW REPORT

Month: May 2020

Indigenous Monitor days on-site: 26

Project Region: Edmonton (Spread 1)

Kilometre Posts (KPs) monitored: 1–48

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

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 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 involving Indigenous Monitors were taking place from KP 1 to 48 including monitoring and inspecting traditional land use sites, hydrovac excavations and water runoff.

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

Trans Mountain COVID-19 – Our Response

Trans Mountain is actively monitoring the COVID-19 situation with the help of federal, provincial and local agencies. Trans Mountain's top priority remains the health and safety of its workforce, their families and our communities. Trans Mountain and its construction contractors are working diligently together to adhere to all advice and direction from government and health officials, while ensuring the safe uninterrupted operation of the Trans Mountain Pipeline and the continued, safe construction of the Expansion Project. Measures being undertaken at construction sites include: temperature screening; following physical distancing guidelines, staggering work shifts and breaks; eliminating or minimizing in-person meetings; enhancing cleaning and sanitizing; and ensuring workers orientation includes COVID 19 expectations, awareness and prevention.

For more information: transmountain.com/covid19

Traditional Land Use Site Monitoring

During pre-construction survey activities, Traditional Land Use areas that have been identified by Indigenous groups are marked with flagging ribbon. Signage is also installed to indicate to construction crews that the areas are not to be entered.

The Indigenous Monitors continue to perform monitoring and inspection activities to ensure environmental features, including identified Traditional Land Use areas, have been staked, flagged and signed in advance of any topsoil stripping and grading. Indigenous Monitors also inspect for any damage to stakes, fencing, flagging and signage.



Environmentally sensitive area flagged off and buffered.

Hydrovac Excavations

Hydrovac excavations are taking place at areas along the right-of-way. Hydrovac excavations are used in sensitive areas where there is potential for underground utility damage. High-pressure water and a vacuum are used to safely excavate sensitive areas. Hydrovac excavations result in “hydrovac slurry,” which is a mixture of clean water and soil.

The Indigenous Monitors inspected the construction of a temporary hydrovac slurry pit, which is used to temporarily store clean slurry on the construction footprint. Other potential storage strategies for hydrovac slurry include hydrovac trucks, clean oilfield storage tanks or in a metal bin if other more practical disposal options (i.e., temporary pits) are not feasible for the site.



Hydrovac excavation during the drilling activities.

Control of Water Runoff

Drainage paths across the construction right-of-way help maintain drainage of surrounding areas and control erosion during the spring thaw. The Indigenous Monitors observe the direction and slope of the water breaks based on topography and drainage patterns. Inspections of erosion and sediment control will continue to be conducted. Indigenous Monitors worked with the Environmental Inspectors and the construction



Drainage paths excavated to maintain drainage and capture sediment.

crew to ensure water filtration and silt fencing were used on-site.	
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Indigenous Monitor Request Dashboard

Indigenous Monitors are provided with daily on-site field support from Environmental Inspectors and office support from Indigenous Monitor 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	1	0	0	1	2
Fulfilled	1	-	-	1	2
Outstanding	-	-	-	-	-

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

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