

INDIGENOUS MONITOR OVERVIEW REPORT

Month: July 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 noise suppression mitigations, cleanup and reclamation, and erosion and sediment control.

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

Noise Suppression

Sound walls, or noise barriers, are structures designed to buffer noise resulting from construction activity. Installing temporary sound walls is a common measure to mitigate noise impacts to residents from construction projects.

Indigenous Monitors observed the sound wall installation to reduce the impact of noise from construction activities. The sound wall will remain in place for the duration of construction activities at select locations in West Edmonton. Other noise mitigations being implemented include maintaining noise suppressions on heavy equipment and scheduling construction activities in consideration of applicable municipal noise bylaws or approval conditions.



Noise barrier near a residential community.

Cleanup and Reclamation

Cleanup and reclamation are important steps in returning disturbed sites to a stable condition similar to the condition the site was in prior to the construction activity.

Mitigation measures implemented during cleanup and reclamation include removing wooden access mats and cleaning up associated matting debris and materials; re-establishing the construction site including watercourse bed and banks to a stable condition; re-establishing positive drainage across the worksite; preventing surface material loss due to soil erosion by wind and water; establishing a vegetative cover compatible with surrounding vegetation and land uses, and deterring the proliferation of weeds, all to maintain equivalent land capability.

The Indigenous Monitors inspected and participated in cleanup and reclamation activities, including monitoring of site housekeeping efforts, transplant areas, and soil handling measures.



Cleanup on right-of-way.

Erosion and Sediment Control

Site-specific erosion and sediment control measures are implemented to prevent sediment-laden runoff from entering watercourses.

The Indigenous Monitors inspected creek slopes to ensure erosion and sediment control measures were in place. The Indigenous Monitors also worked with the Environmental Inspectors and the construction crew to ensure de-watering, water filtration, sandbags, silt fencing, and erosion control matting were used on-site.



Silt fencing near a wetland.

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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