

INDIGENOUS MONITOR OVERVIEW REPORT

Month: April 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 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 involving Indigenous Monitors were taking place from KP 1 to 48 including monitoring and inspecting dewatering activities, pipe installation 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 our 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

Dewatering Management

During construction activity, water that accumulates within the excavation area from precipitation or groundwater seepage is visually assessed prior to being discharged onto areas approved by the Trans Mountain Environmental Inspector. This grey water is discharged through a sediment control device and into the vegetation and soils in areas, where it will slowly infiltrate into soils and return directly to a water body.

The Indigenous Monitors inspect the pump-off of grey water during these excavations to monitor that grey water management mitigation measures are followed.



Sediment filtration device.

Pipe Installation and Trench Backfill

Pipeline installation and backfill activities continue along Spread 1.

The Indigenous Monitors have inspected the excavated soil placed in the trench over the installed pipe. Soil is placed in a mound over the pipe to compensate for soil settlement. The Indigenous Monitors observe the subsoil being backfilled over the pipe prior to topsoil being replaced and ensure backfill activities are confined to the construction right-of-way.



Welding mainline and water by-pass around trench.

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 water filtration, silt fencing and erosion control matting were used on-site.



Water filtration and matting placed to preserve top soil consistency.

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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