

INDIGENOUS MONITOR OVERVIEW REPORT

Month: November 2021

Indigenous Monitor days on-site: 21

**Project Region: Edmonton Region,
Spread 1**

**Kilometre Posts (KPs) monitored:
KP 1–48**

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

The Trans Mountain Expansion Project (the Project or TMEP) is retaining 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 activities in the Edmonton Region involving Indigenous Monitors took place from KP 1–48 in Spread 1 and included monitoring construction at the Edmonton Terminal, valve installation and site housekeeping, soil storage and wetland crossing. The Project Construction Progress Report (Condition 106) for November 2021, which reports environmental events and deficiencies in Tables 4 and 5 respectively, is found [here](#).

The Project has a process for sharing information related to potential Traditional Land Use (TLU) and Heritage Resource chance finds during construction. The [Protecting TLU and Cultural Heritage Resources Fact Sheet \(link here\)](#) provides an overview of the chance find communication process. Applicable Indigenous groups are notified and engaged directly on potential chance finds.

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.

For more information: transmountain.com/covid19

Edmonton Terminal Inspection

A joint inspection was conducted by the Environmental Inspector and Indigenous Monitor at the Edmonton Terminal. Waste management was inspected as well as secondary containment for equipment and fuel storage. Spill kits and spill response procedures were reviewed with no concerns identified.

Hydrostatic test water was intentionally released into the surface water containment pond. Several tests on the water were conducted before it was determined that it was suitable for release to the environment. The Indigenous Monitor discussed the process with the Environmental Inspector and observed that the water was contained within the pond.

Historical contaminated soil is being excavated close to the pump station building. The Indigenous Monitor observed that the soil is contained and not causing further contamination. The contaminated soil will be shipped out to an approved disposal facility.



Edmonton Terminal new tank/facility construction.

Valve Installation/Housekeeping

Final Spread 1 construction efforts were underway in November in the Edmonton Region. Block valves were installed in strategic locations along the pipeline. These valves are remotely monitored and controlled. Their frequency depends on topographical changes; placement decisions fall to the Engineering team.

Indigenous Monitors in the Edmonton region regularly conduct inspections of the various construction areas. In November, Indigenous Monitors observed construction activities and minor deficiencies, like fallen stakes, were corrected at the time of inspection. No deficiencies were identified at this time.



Valve ready for installation.



Valve installed.

Soil Storage

When stripping soil in construction areas, required mitigation can include segregating topsoil stockpiles from subsoil stockpiles, proper storage and covering to reduce potential erosion, effective labelling and signage and inspection of topsoil piles to ensure they are placed within the survey limits of the right-of-way.

The Indigenous Monitors were involved in monitoring and inspecting such topsoil stripping mitigations near KP 31.5. The Indigenous Monitors also inspected the construction areas before and after topsoil was stripped to identify any potential archaeological chance finds. No deficiencies or chance finds were identified during the inspections.



Coconut mesh pegged in at KP 31.5.



Course woody debris at KP 31.5.

Wetland Site Crossing

Wetland crossing is informed by requirements outlined in the Environmental Protection Plan, Site Specific Wetland Crossing Execution Plan, Applicable Provincial Permits and the Wetland Crossing Plan. Plans and permits are required before work begins. Indigenous Monitors review the requirements outlined in the above documents before and during their inspections. These inspections consider spill response and mitigations that are in place, topsoil being stored separately from upland soils, and erosion and sediment control measures in place.

In November, Indigenous Monitors inspected completed and reclaimed work areas for any potential environmental concerns, such as erosion sediment control and revegetation. There were no environmental concerns at the time of inspection.



Reclaimed wetland KP 31.5.



Wetland KP 35.1.

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	Rolling Total and Type of Requests				
	Project Reports/Documents	Environmental Resource Specialists	Elder/Cultural Knowledge Holder	Other	Total
Total	0	0	0	0	0
Fulfilled	-	-	-	-	-
Outstanding	-	-	-	-	-

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

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