

INDIGENOUS MONITOR OVERVIEW REPORT

Month: February 2020

Indigenous Monitor days on-site: 25

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 Horizontal Directional Drilling, pipe installation and backfilling, and water runoff control measures.

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

Horizontal Directional Drill (HDD) Monitoring

The Indigenous Monitors conducted inspections at a drill rig setup for an HDD near the North Saskatchewan River.

The inspections focused on appropriate signage and flagging, ensuring equipment was cleaned and free of vegetation and debris, and monitoring for drilling fluid releases. .



North Saskatchewan River HDD west side.

Pipe Installation and Trench Backfill

Pipeline installation and backfill activities have begun 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.



Installed pipe with fibre-optic leak detection system.

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.



Drainage paths excavated to maintain drainage and capture sediment

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
<i>Fulfilled</i>	1	-	-	1	2
<i>Outstanding</i>	-	-	-	-	-

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

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