

INDIGENOUS MONITOR OVERVIEW REPORT

Month: October 2020

Indigenous Monitor days on-site: 26

**Project Region: BC Interior
Spread 5A and Kamloops Urban Area**

**Kilometre Posts (KPs) monitored:
KP 816–885 of Spread 5A**

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 BC Interior 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 BC Interior region involving Indigenous Monitors took place in Spread 5A and included monitoring pipeline construction, dewatering and topsoil stripping. The Project Construction Progress Report (Condition 106) for October 2020, which reports environmental events and deficiencies in Tables 4 and 5 respectively, is found [here](#).

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

Pipe Installation and Trench Backfill

Pipeline installation and backfill activities continue along Spread 5a near the Kamloops Airport.

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.



Backfilling trench at KP 841.

Dewatering Management

During construction activity, water that accumulates within the Project area from precipitation or groundwater seepage is visually assessed prior to being pumped to areas approved by the Trans Mountain Environmental Inspector. This water is discharged through a filtration device and into the vegetation and soils in areas. From there, it will slowly infiltrate into local soils.

The Indigenous Monitors inspected the pump-off of water near the Kamloops Airport. It was verified that the water management mitigation measures were followed.



Sediment filtration device at KP 845.


Topsoil Stripping

Topsoil stripping continues on Spread 5A. When removing topsoil, there are several mitigation requirements including the inspection of topsoil piles to ensure they are within the survey limits of the right-of-way and no soil has gone outside these limits. Appropriate construction equipment must also be used during topsoil stripping when frozen ground conditions are encountered.

The Indigenous Monitors noted mitigations for the topsoil piles to reduce erosion potential.



Topsoil stripping along right-of-way at KP 816 near Jamison Creek.

<p>Topsoil Stripping (cont'd.)</p> <p>Breaks in the topsoil piles are identified to facilitate water movement, wildlife and equipment movement, trapper lines, slope changes, crossings and bends. After the location is cleared, the Indigenous Monitors review the area for any potential cultural materials that may be unearthed.</p>	
<p>Weather Changes</p> <p>Due to the snowy and wet conditions that occurred in Kamloops near the end of October, earthworks at the Kamloops Airport, Lac du Bois and Kenna Cartwright Park were postponed for several days.</p> <p>The Indigenous Monitors used this downtime to complete reporting requirements and review Trans Mountain's environmental resource documents and protocols including the Environmental Protection Plan and Resource Specific Mitigation Tables.</p>	 <p>Snowy right-of-way at KP 841, near south end of Kenna Cartwright Park.</p>

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	5	-	0	0	5
Fulfilled	5	-	-	-	5
Outstanding	-	-	-	-	-

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

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