

INDIGENOUS MONITOR OVERVIEW REPORT

Month: January 2020

Indigenous Monitor days on-site: 28

Project Region: Yellowhead (Spread 2)

**Kilometre Posts (KPs) monitored:
49-337.9**

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

As part of its Compliance Management Plan, 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 impacts 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 Yellowhead 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 Yellowhead Region involving Indigenous Monitors were focused around KP 250 and included inspection and monitoring activities of openings/breaks in the topsoil piles, slash debris removal and biosecurity measures.

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

Openings in the Topsoil Piles

Breaks in topsoil piles align with breaks in snow windrows (when snow is present) to facilitate wildlife, livestock and equipment movement, trapper lines, slope changes, crossings (i.e., watercourse, road, pipeline right-of-way and railway) and bends. Locations have been approved by an Environmental Inspector.



Gap created in the top soil pile to allow wildlife to pass

<p>While performing monitoring and inspection activities, an Indigenous Monitor identified an area where a gap in the topsoil pile was not present in an area that had been observed as an active area with trails heading north to south used by wildlife.</p> <p>A corrective action was completed to create an opening in the topsoil pile to allow for wildlife to pass.</p>	
<p>Slash Debris Removal</p> <p>During clearing activities, woody debris typically remains along the Right of Way after the trees have been removed. Some of this debris (also known as slash) is removed through burning or mechanical mulching. If the debris is burned, permits are obtained, and appropriate Government Authorities are notified prior to the commencement of burning Areas to perform burning are carefully considered and occur in areas where the topsoil or root zone material has been salvaged. Weather forecast is monitored to limit the effects of smoke in the vicinity of sensitive receptors (e.g. homes). Burning is monitored at all times and fire equipment is on site.</p> <p>The Indigenous Monitors were onsite performing monitoring and inspection duties during the debris removal.</p>	 <p>Burn pit being monitored</p>

Biosecurity

Biosecurity measures are designed to reduce the introduction or spread of noxious weeds and soil pathogens or other crop diseases from construction activities. Biosecurity measures are also used in areas of special activity (e.g. organic farms). Biosecurity mitigations include cleaning stations to manage the risks associated with invasive, noxious and prohibited noxious weeds. Cleaning stations are properly flagged and include signage. Some cleaning stations may include a wash station where a disinfectant composed of a bleach solution is used to disinfect equipment, tools and footwear.

The Indigenous Monitor cleans their vehicles, tools and footwear as part of the work in areas of topsoil removal and inspects stations and equipment to validate mitigations are being followed.



Biosecurity cleaning station

Indigenous Monitor Request Dashboard

Indigenous Monitors are provided daily on-site field support from Environmental Inspectors and office support from Indigenous Monitoring 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
<i>Outstanding</i>	-	-	-	1	1

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

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