

INDIGENOUS MONITOR OVERVIEW REPORT

Month: November 2020

Indigenous Monitor days on-site: 25

**Project Region: North Thompson
(Spread 3/4a and Spread 4b)**

**Kilometre Posts (KPs) 489–678 and
697–756**

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 North Thompson 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 North Thompson region involving Indigenous Monitors included monitoring and inspecting erosion and sediment controls, traditional land use areas, right-of-way clearing on private lands and environmental inspection of pump stations. The Project Construction Progress Report (Condition 106) for November 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

Erosion and Sediment Control

Site-specific erosion and sediment control (ESC) measures are implemented to prevent sediment-laden runoff from leaving the right-of-way or from entering watercourses and wetlands during construction activities along the spreads.

The Indigenous Monitors on Spreads 4b worked with the Environmental Inspectors and the construction crews to monitor and inspect various types of erosion and sediment control mitigation measures at Peavine Creek, Thuya Creek, KP 698+268 -698+072 and KP 703+086. A mitigation measure the Indigenous Monitors observed at each location was that silt fencing (a temporary sediment control device used on construction sites to protect water quality in nearby streams from sediment in stormwater runoff) was installed and functioning properly. Another ESC measure monitored on Spread 4b included the placement of coconut matting to protect surface soils and straw waddles to reduce surface water flow velocity. Indigenous Monitors also checked culverts at access road 80 (KP 703) to ensure no sediment loading or woody debris blockage was occurring that would impede downstream flow.



Coconut matting and silt fencing used as ESC mitigation measures at Peavine Creek.

Traditional Land Use Site Monitoring

Traditional Land Use areas have been identified through information and studies provided by Indigenous groups over multiple years of Project assessment and planning. During pre-construction activities, previously identified Traditional Land Use (TLU) areas are marked with flagging ribbon by Resource Specialist crews during the environmental flagging and staking program. Signage is also installed to indicate the areas to construction crews.

The Indigenous Monitors performed pre-activity walkthroughs with the general contractor and environmental inspectors ensuring environmental features, including previously identified TLU sites have been staked, flagged and signed in advance of construction activities. Indigenous Monitors also confirmed mitigation approaches for TLU sites where required.



Identified TLU site stake and ribbon.

Traditional Land Use Site Monitoring (cont'd.)

During pre-activity walkthroughs of Spread 3/4a, the Indigenous Monitors identified TLU sites that had not been previously recorded. Indigenous Monitors worked with the Environmental Inspectors and General Construction Contractor to confirm mitigation approaches for these newly discovered confidential sites as per the Traditional Land Use Sites Discovery Contingency Plan.

Clearing

Tree clearing commenced on privately-owned land at KP719+400 to 720+100 of the right-of-way. During clearing activities, the Indigenous Monitor on Spread 4b was on-site monitoring that flagging of environmental features was followed to minimize disturbance.

The Indigenous Monitor also monitored that refueling of logging equipment was not conducted within 100 m of a water body and that danger trees had been identified by a certified wildlife danger tree assessor and removed prior to general brushing and clearing activities occurring. Some trees are flagged and left on-site to be used during the reclamation process.



Tree clearing at KP 720.

Pump Station Site Inspection

The Indigenous Monitor worked alongside the Environmental Inspector to conduct environmental inspections at the Blackpool Pump Station, McMurphy Pump Station and Blue River Pump Station.

Following the measures outlined in Trans Mountain's Facilities Environmental Protection Plan, the inspections included site general housekeeping, waste segregation, recycling and metal disposal, equipment inspections (ensuring proper use of drip trays), topsoil storage and water drainage management measures.

At the Blue River Pump Station, the Indigenous Monitor observed a minor fuel spill being effectively remediated and documented. The contaminated material was contained and transported to a Trans Mountain approved off-site facility.



Grout disposal bin at McMurphy Pump Station.



Fuel spill being cleaned up at the Blue River Pump Station.

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

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

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