

INDIGENOUS MONITOR OVERVIEW REPORT

Month: March 2021

Indigenous Monitor days on-site: 25

**Project Region: Jasper to Mount
Robson Reactivation
(Hinton to Hargreaves)**

**Kilometre Posts (KPs) monitored:
322–461**

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

The Trans Mountain Expansion Project (TMEP) is retaining Indigenous Monitors as integrated members of its construction Environmental Inspection team. Indigenous Monitors work with Environmental Inspectors to monitor compliance with approved mitigation measures to minimize impacts to traditional resource use and cultural/heritage impacts during TMEP construction.

Operations and maintenance work, including integrity digs and sleeve replacements occurring along the deactivated pipeline segments in Jasper National Park and Mount Robson Provincial Park is not part of TMEP nor subject to TMEP Conditions. However, Trans Mountain will be including Indigenous Monitors during certain operations and maintenance work in reactivation areas as it relates to preparing for future TMEP construction activities.

This Overview Report provides highlights of the Indigenous Monitors' day-to-day work and key highlights observed by the Monitors in the Jasper to Mount Robson Reactivation region (Hinton to Hargreaves), specifically Jasper National Park and Mount Robson Provincial Park. The purpose of this report is to provide an update on Indigenous Monitor activities to Indigenous groups. During this reporting period, key activities in the Jasper to Mount Robson Reactivation region involving Indigenous Monitors activities related instream isolation, excavation de-watering and regulator meetings.

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: following physical distancing guidelines, staggering work shifts and breaks; eliminating or minimizing in-person meetings; and enhancing cleaning and sanitizing; and ensuring workers orientation includes COVID 19 expectations, awareness and prevention.

For more information: transmountain.com/covid19

Watercourse Crossings

In Jasper National Park and Mount Robson Provincial Park, various sections of pipeline run underneath watercourses and wetlands and require replacement. This is due to the exposure of the pipe over time as a result of scour on top of the pipe. The construction activities relating to the required instream work use an isolation crossing methodology consisting of upstream and downstream dams.

In March, the Indigenous Monitors observed instream isolation construction work activities at Sleeve 3, Sleeve 5, Yellowhead Creek and Rockingham Creek watercourse crossings.

The range of environmental mitigations monitored include biosecurity cleaning and secondary containment of fuel and other hydrocarbons, topsoil/subsoil salvage, fish salvage, sediment and erosion control, and water quality monitoring for turbidity.

At Sleeve 3, the Indigenous Monitor was present and monitored the fish salvage, which followed the TMEP restricted activity permit for the isolation work done that requires an Indigenous Monitor to be on-site during the fish salvage conducted by Trans Mountain resource specialists. No fish were found.

At Yellowhead Creek, the Indigenous Monitor observed the fish salvage conducted before the isolation pumps were installed. Twenty-five fish were salvaged and relocated during the salvage.

At Rockingham Creek, the Indigenous Monitor observed the removal of the isolation pumps and the reclamation of the riparian zone including returning the watercourse beds and banks to pre-construction configuration and alignment and extending replacement of cobbles and boulders. Additional work includes replacing site-specific features important for fish or other aquatic organisms, and replacing salvaged topsoil, surface soils and salvaged root zone material like rootballs (i.e., roots of shrubs and trees), in proper sequence over all portions of the construction site where soil cover was stripped.



Trans Mountain resource specialists conducting the fish salvage at Sleeve 3.

Excavation Dewatering During Sleeve Removal

There are various sites in Reactivation that require removal of previously installed pipeline sleeves. During construction activity, water that accumulates within the sleeve excavation area from precipitation or groundwater seepage is visually assessed prior to being discharged to areas approved by the Environmental Inspector. This water is discharged through a sediment control device and into the vegetation and soils in areas where it will quickly infiltrate into soils and not return directly to a watercourse.

In March, the Indigenous Monitors inspected the pump-off of water during excavations at Sleeve 3, Yellowhead Creek and Rockingham Creek to monitor that water management mitigation measures are followed.



Water filtration bag at Yellowhead Creek. Bag was full and changed after inspection by the Environmental Inspector and Indigenous Monitor.

Regulator Meetings

In March, the Indigenous Monitors attended an online gathering hosted by the IAMC. The engagement was an online workshop organized to create opportunities for interaction between IAMC and TMEP IMs outside of in-field activities. This workshop provided an opportunity for IMs from both programs to gain an understanding of both the IAMC and TMEP Indigenous Monitoring Programs and create two-way dialogue for IMs from both programs to get to know each other and the work they do.

Indigenous Monitor Request Dashboard

Indigenous Monitors are provided 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	1	-	-	-	1
Fulfilled	1	-	-	-	1
Outstanding	-	-	-	-	0

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

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