

INDIGENOUS MONITOR OVERVIEW REPORT

Month: December 2022
**Project Region: Jasper to Mount
Robson Reactivation**

Indigenous Monitor days on-site: 26
**Kilometre Posts (KPs) monitored:
KP 322–461**

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

The Trans Mountain Expansion Project (the Project or TMEP) is retaining 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 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 include 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 mitigation measures observed by the Monitors related to construction in the Jasper to Mount Robson Reactivation 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 Jasper to Mount Robson Reactivation Region involving Indigenous Monitors took place from KP 317–461 and included soil salvage, matting removal, site housekeeping and pump-off. The Project Construction Progress Report (Condition 106) for December 2022, which reports environmental events and deficiencies in Tables 4 and 5 respectively, is found [here](#).

The Project has a process for sharing information related to potential Traditional Land Use (TLU) and Heritage Resource chance finds during construction. The [Protecting TLU and Cultural Heritage Resources Fact Sheet \(link here\)](#) provides an overview of the chance find communication process. Applicable Indigenous groups are notified and engaged directly on potential chance finds.

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

Soil Salvage

When removing topsoil in construction areas, required mitigation includes segregation of topsoil from root zone material, proper storage to reduce potential erosion, effective labelling and signage, and 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. Wildlife has been shown to be using soil breaks to allow for travel across the right-of-way.

The Indigenous Monitors were involved in monitoring and inspecting such topsoil salvage mitigations near KP 390 and confirmed that soil piles were labelled and tarped to prevent erosion. The Indigenous Monitors also inspected the construction areas before and after topsoil stripping to identify any potential archaeological chance finds. No issues or potential archaeological chance finds were identified.



Topsoil salvaged, tarped and labelled near Miette 1 KP 390.

Matting Removal and Cleanup

Matting is a portable platform used during pipeline construction to create paths for equipment, protect environmental features and avoid ground disturbance. Used on worksites and right-of-way construction to connect hard-to-reach areas (e.g., wetted areas), matting prevents weather-related Project delays and shields equipment and the pipeline from damage.

Indigenous Monitor observations of matting removal and storage between KP 325 and 334 included good housekeeping practices, debris removal, proper signage and work remained within boundaries of the right-of-way. Mats removed from the area are stockpiled until required in another Project area. No concerns were identified.



Mats stockpiled until required on Project KP 334.



Mat removal and cleanup ongoing KP 325.

Site Housekeeping

Indigenous Monitors regularly conduct inspections of the various construction areas for general housekeeping measures. This includes observing and documenting waste storage management, fuel storage containment and proper use of vehicle and equipment spill kits. Waste or construction materials not properly disposed of or secured are reported to the Environmental Inspectors and respective site services crew for maintenance. The recycling bins are also inspected to make sure waste is properly segregated into appropriate categories.

Between KP 317 and 406, Indigenous Monitors confirmed signage is up to date, required flagging and staking are present, housekeeping is compliant, secondary containment is in use, washrooms are clean and appropriately maintained, spill kits are inspected for volume and types of spill response material, and ensured the appropriate placement in relation to work fronts. No deficiencies were identified.



Secondary containment Jasper Lake North KP 343.



Housekeeping near KP 406.

Pump-Off

To keep trench excavation areas dewatered and stable during pipeline construction activity, water that accumulates from precipitation or groundwater seepage is pumped off and relocated to an approved location either on or off the construction footprint. At KP 339, water accumulating in the excavated pipeline trench was pumped off to a sediment bag. Water flowing out of the filtration system was discharged upland to a well-vegetated area.

The Indigenous Monitors confirmed pump-off water was released a minimum of 50 m from the nearest watercourse, replacement materials were readily available, including sediment control devices, pumps, spills kits and secondary containment, and good housekeeping practices at pump-off discharge locations. No deficiencies were identified during the inspection.



Pump-off location near KP 339.




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 requests for Project reports, input from an environmental resource specialist and on-site support from an Elder or other cultural knowledge holder. 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	-	-	-	-	-

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

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