

## INDIGENOUS MONITOR OVERVIEW REPORT

**Month: January 2022**

**Indigenous Monitor days on-site: 18**

**Project Region: West Barriere  
Reactivation 2**

**Kilometre Posts (KPs) monitored:  
KP 741.00–784.00**

### 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 approved mitigation measures to minimize impacts to traditional resource use and cultural/heritage sites during construction.

Operations and maintenance work, including integrity digs and sleeve replacements occurring along the deactivated pipeline segments in the West Barriere Region 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 Reactivation West Barriere Region (Darfield to Black Pines). 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 Reactivation West Barriere Region involving Indigenous Monitors took place from KP 741 to 784 and included monitoring site housekeeping, clearing and snow removal, erosion and sediment control measures, and cleanup activities. The Project Construction Progress Report (Condition 106) for January 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](mailto: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.

**For more information: [transmountain.com/covid19](https://transmountain.com/covid19)**

## Right-of-Way Clearing and Snow Removal

Project right-of-way clearing involves the removal of trees and vegetation in areas along the pipeline. During this process, the surveyed right-of-way is cleared by removing the trees and brush. The topsoil is salvaged and stored along the edge of the right-of-way so it may be spread back out during reclamation. During the winter months, snow removal activities are required to provide safe access and egress for vehicles and equipment.

The Indigenous Monitors inspected clearing activities along the right-of-way. At KP 757 and 759, the Indigenous Monitors inspected snow removal activities on the right-of-way and access roads. The inspection included documenting good housekeeping measures, fencing installation and accurate buffers and signage for environmentally sensitive areas. No concerns were identified during the inspection.



Snow removal required at a access road near KP 759.

## 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 worked with the Environmental Inspectors and the construction crews to monitor and inspect various types of ESC mitigation measures at KP 759. 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). Housekeeping measures at each site were monitored with no deficiencies identified by the Indigenous Monitors.



Installed geocloth near KP 759.

### Site Housekeeping

The Indigenous Monitor conducted inspections at the Darfield Laydown Yard for general housekeeping measures. This included observing and documenting garbage and recycling disposal, scrap metal and wood management, waste storage and fuel storage (secondary containment).

Spill kits were inspected for volume and types of spill response material and to ensure the appropriate placement in relation to work fronts. Drip trays were inspected under stationary equipment to make sure they were present when parked and free of snow. Some drip trays had collected snow so fluids were properly drained from identified trays.



Darfield laydown yard waste management and litter inspection.



Spill kits appropriately positioned and stocked.

### Final Cleanup

Backfilling activities occurred at KP 757 and 759. Once the pipeline is in place, select backfill may be used to pad and protect the pipe. Following this, subsoil and topsoil are replaced in the sequence in which they were removed. When replacing frozen topsoil, specialized equipment is used to ensure frozen material is broken up to provide a consistent and even ground surface for reclamation activities. Rig matting and equipment were also removed from the site.

The Indigenous Monitors observed the operators screening the subsoil to segregate heavy rocks. Inspections were conducted for the excavated soil placed in the trench over the installed pipe. The Indigenous Monitors observed sand and subsoil being backfilled over the pipe prior to topsoil being replaced and ensure backfill activities are confined to the construction right-of-way. The Indigenous Monitor inspected final site cleanup to ensure all measures were taken to bring site to completion. Site cleanup was compliant and deemed complete. No issues or potential chance finds were identified.



Backfill and topsoil replaced at KP 759.



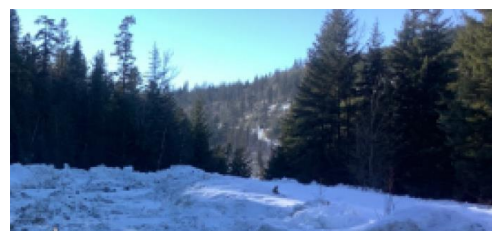
Backfill of excavated area near KP 757.



Rig matting removal at KP 759.

### Reduced Construction Activities

Reactivation – Darfield to Black Pines halted construction activities at the end of January 2022 to focus construction efforts on other work fronts. Construction and inspection activities are scheduled to resume in mid-March 2022.



Site cleanup near KP 759.

## 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. 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	0	0	0	1
Fulfilled	1	-	-	-	1
Outstanding	-	-	-	-	-

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

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