

INDIGENOUS MONITOR OVERVIEW REPORT

Month: October 2021

**Project Region: West Barriere
Reactivation 2**

Indigenous Monitor days on-site: 24

**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 matting installation, site housekeeping, topsoil stripping and activities at Darfield Pump Station. The Project Construction Progress Report (Condition 106) for October 2021, 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.

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

<h3>Matting Installation</h3> <p>Matting is a portable platform used during pipeline construction to create paths for equipment. It is used on worksites and right-of-way construction to connect areas that are hard to reach. Matting helps protect the environment, prevents weather-related project delays and shields equipment and the pipeline from damage.</p> <p>The Indigenous Monitors' observations at KP 744 during the installation of matting included good housekeeping practices, matting placement, proper signage and continued avoidance at TLU sites in proximity. No concerns were identified during the inspection.</p>	 <p>Matting installation at KP 744.</p>
<h3>Site Housekeeping</h3> <p>The Indigenous Monitor conducted regular inspections of active dig sites at KP 759 for general housekeeping measures. This included observing and documenting garbage and recycling disposal, scrap metal management, waste storage and fuel storage (secondary containment).</p> <p>Spill kits were also inspected for volume and types of spill response material and to ensure the appropriate placement in relation to work fronts. Drip trays were also inspected under stationary equipment to make sure they are present when parked. No concerns were identified during the inspections.</p>	 <p>Inspection conducted near KP 759.</p>
<h3>Topsoil Stripping</h3> <p>Near Dig site 2A at KP 747, topsoil stripping and grading activities are taking place. When removing topsoil, there are required mitigations including the inspection of topsoil pile(s) to ensure they are within the right-of-way survey limits and that no soil has gone outside these limits.</p> <p>The Indigenous Monitors monitored and inspected such topsoil stripping mitigations throughout the month of October. Indigenous Monitors also inspected the cleared area for any potential chance finds that could be unearthed. No issues or chance finds were identified.</p>	 <p>Soil piles at Dig site 2A at KP 747.</p>

Darfield Pump Station

As part of the Trans Mountain Expansion Project, 12 new pump stations are being added to the pipeline system, 11 for the new pipeline and one for the existing pipeline. Pump stations are a critical component of the operations of the pipeline system. They contain electric motors to drive the pumps that maintain the pressure and flow rate in the pipeline.

In October, joint inspections were conducted by an Environmental Inspector and an Indigenous Monitor at the Darfield Pump Station. The Facilities Environmental Protection Plan was reviewed and referenced during the inspection to ensure correct mitigations were identified. The inspection included observing soil stripping, reviewing the site's waste management procedures and inspecting the disposal bins and verifying secondary containment for equipment and fuel storage. Spill kits and spill response procedures were reviewed with no concerns identified. No environmental concerns were recorded at the time of the inspection.



Secondary containment in place for stationary equipment and fuel storage.

TMEP Linewide Indigenous Monitor Meeting

Trans Mountain Indigenous Monitors from across the Project gather annually for a team meeting to collaborate and discuss the TMEP IM program and topics of interest related to environmental inspection, monitoring and Indigenous interests.

On October 29, Indigenous Monitors from all TMEP spreads and terminal locations gathered via TEAMS web conference for a linewide meeting. This collaborative meeting covered many topics, including TMEP construction updates and milestones, support and information request mechanisms, and environmental skills development training/career progression opportunities. The Indigenous Monitors also prepared and presented information on their respective spread or location, including topics such as TLU protection, plant gathering and cultural use sites, reclamation, archaeological monitoring, erosion and sediment control, watercourse diversion, wildlife planning and mitigations, and offshore marine steel pile driving.



Erosion & Sediment Control
Creek Diversions



Westridge Marine Terminal
Mitigation Measures for Impact Pile Driving



Trans Mountain Expansion Project
Colony Farm

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	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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