

INDIGENOUS MONITOR OVERVIEW REPORT

Month: November 2023

Indigenous Monitor days on-site: 26

Project Region: Fraser Valley

**Kilometre Posts (KPs) monitored:
KP 1075–1165**

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 impacts 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 Fraser Valley. The purpose of this report is to provide an update on Indigenous Monitor activity to Indigenous groups.

During this reporting period, key Project activities in the Fraser Valley Region involving Indigenous Monitors included construction on Spread 6/7A, reclamation, archaeological impact assessments, and topsoil salvage and backfill.

The Project Construction Progress Report (Condition 106) for November 2023, 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. [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.

Reclamation

Subsoil is decompacted to alleviate compaction caused by construction activities before topsoil replacement. Acceptable topsoil depths are confirmed by an Environmental Inspector (EI) during final cleanup. Multiple measurements are taken of topsoil replacement quality and depth. After the contractor has properly prepared the ground for seed, the area is seeded with the approved mix that reflects the vegetation profile from pre-disturbance.

Indigenous Monitors inspected various reclamation activities in the Fraser Valley, including discing for soil decompaction, topsoil replacement, confirming topsoil depth, erosion and sediment control measures, and confirmation that proper seed mixes are applied. Indigenous Monitors worked with Environmental Inspectors to ensure mitigation measures were in place during reclamation activities.



ESC and regrowth KP 1135.



Reclamation complete KP 1164.



Reclamation complete ESC working as intended KP 1128.

Archaeological Impact Assessments

Resource-Specific Mitigation Tables and Environmental Alignment Sheets are used to identify locations of and summarize specified mitigation for previously identified historical resources and TLU areas. Such locations have been identified by way of TLU studies conducted by Indigenous groups and archaeology baseline assessments conducted over many years of Project planning.

The Indigenous Monitors observed Archaeological Impact Assessments (AIA) conducted along the right-of-way near KP 1127 and KP 1162. The assessments, completed by a qualified archaeologist and Indigenous participants, included visual inspections to identify features with archaeological potential, surface inspection of areas with exposed sediments for cultural or terrain features exhibiting



AIA work ongoing KP 1162

archaeological potential and subsurface testing (shovel testing) of terrain features exhibiting archaeological potential. If an archaeological site is found, Trans Mountain completes the applicable reporting and applies for the required permits in alignment with the *Heritage Conservation Act*. Ongoing AIA activities continue in the area.



AIA work ongoing KP 1162.

Topsoil Salvage and Backfill

Topsoil salvage, pipe installation and backfill activities continue in the Fraser Valley. When removing soil 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 soil piles to ensure they are within the survey limits of the right-of-way and no soil has gone outside these limits.

The Indigenous Monitors noted mitigations for the topsoil piles to reduce erosion potential, including covering with tarps and staking. 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 ensured backfill activities are confined to the construction right-of-way. No issues or potential chance finds were identified.



Topsoil salvage KP 1164.



Backfill ongoing KP 1099.

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 requests 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	0	2	0	0	2
Fulfilled	-	2	-	-	2

Outstanding	-	0	-	-	0
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This report has been reviewed by the active Indigenous Monitor(s)

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