

INDIGENOUS MONITOR OVERVIEW REPORT

Month: May 2023

Project Region: Lower Mainland

Indigenous Monitor days on-site: 22

**Kilometre Posts (KPs) monitored:
Spread 7 KP 1165–1176**

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

The Trans Mountain Expansion Project (the Project or TMEP) has retained 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 Lower Mainland. 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 Lower Mainland region involving Indigenous Monitors include construction at Westridge Marine Terminal (WMT), Burnaby Terminal and on Spread 7B. Activities included wildlife management, erosion and sediment control measures, construction site housekeeping and monitoring at the Colony Farm Regional Park temporary workspace.

The Project Construction Progress Report (Condition 106) for May 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.

Wildlife Management

While conducting site monitoring, the Indigenous Monitors record and report wildlife sightings to the Environmental Inspector. They also inspect signage and wildlife buffers and other mitigations to ensure they're effectively in place to prevent incidental contact. Indigenous Monitors also routinely observe and participate in wildlife sweeps and salvages for various species of wildlife.

The Indigenous Monitor participated in discussions with the Environmental Inspector regarding the nesting bird season and mitigation measures such as bird deterrents like hawk kites, mesh netting on areas where birds may try to nest, as well as installation of artificial bird houses. The Indigenous Monitor observed wildlife mitigation measures to deter birds from nesting in construction areas at Burnaby Terminal, WMT and Spread 7B.



The Indigenous Monitor observed meshing in place as a nesting bird mitigation on Lower Road 300 at Burnaby Terminal. No concerns were identified.



Area sweep for bird nests near KP 1179 prior to construction activity commencing for the day. No nests were identified.

Erosion and Sediment Control

Erosion and sediment control (ESC) measures are used to reduce erosion and limit sediment transport across construction sites to sensitive environmental features.

At Burnaby Terminal, WMT and Spread 7B, the Indigenous Monitors conducted inspections to verify ESC measures were installed effectively as prescribed in the Environmental Protection Plan. This included inspecting berms and exposed slopes were securely covered with polyethylene sheeting or hydroseed was correctly applied. Ditches and other water conveyance measures throughout the terminals and construction areas and along the perimeter of the Project footprint were also inspected to ensure they were free of construction materials and debris.



Polyethylene sheeting placed as an ESC measure on a berm at Lower 600 observed at Burnaby Terminal.



Polyethylene sheeting placed as an ESC measure to cover soil containing Japanese Knotweed observed near KP 1176.

Site Housekeeping

The Indigenous Monitors in the Lower Mainland regularly conduct inspections of construction areas for general housekeeping measures. This includes observing and documenting waste management practices and hazardous materials containment, as well as inspecting that spill kits are effectively placed and stocked with absorbent materials.

The Indigenous Monitors conducted housekeeping inspections at Burnaby Terminal, WMT and Spread 7B. Indigenous Monitors also check that secondary containment is placed underneath machinery and stored petrochemicals such as paint and gasoline. No environmental concerns were noted.



Good site housekeeping observed at the Trans Mountain construction yard on Spread 7B.



Good site housekeeping observed on the WMT foreshore.

Colony Farm Regional Park Temporary Workspace

The Colony Farm Regional Park Temporary Workspace near KP 1167 was being used as a staging area for drilling equipment and pullback section for the Fraser River horizontal directional drill (HDD).

The Indigenous Monitor observed and inspected various environmental mitigations at the temporary workspace, including environmental feature signage, ESC measures, site housekeeping, secondary containment for equipment and machinery, and wildlife mitigations.

The pipe has successfully been pulled from the HDD borehole at Colony Farm under the Fraser River through to the south side entry site. The pipe has been laid, welded and backfilling has commenced at Colony Farm. The Indigenous Monitor observed a survey crew place survey stakes to mark the depth of topsoil to be added as backfill. The Indigenous Monitor observed backfilling activities and the removal of wooden protective matting and the sand, gravel and geocloth placed under the matting. No concerns were identified.

The Indigenous Monitor also observed trucks spraying water to control dust at the Colony Farm work area.



Backfilled area observed by the Indigenous Monitor.



Truck spraying water as a measure for dust control.

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	4	0	2	0	6
Fulfilled	4	-	2	-	6
Outstanding		-	-	-	

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

CONTACT US:
Trans Mountain

 info@transmountain.com
 1.866.514.6700
 transmountain.com

  @TransMtn
 youtube.com/transmtn
 in

 PO Box 81018
 Burnaby, BC V5H 3B0



TRANSMOUNTAIN