

INDIGENOUS MONITOR OVERVIEW REPORT

Month: May 2022

**Project Region: Edmonton and
Yellowhead**

Indigenous Monitor days on-site: 26

**Kilometre Posts (KPs) monitored:
KP 1–377**

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 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 Edmonton and Yellowhead Regions. 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 Edmonton and Yellowhead Regions involving Indigenous Monitors included monitoring wildlife management, Edmonton Terminal inspections, Traditional Land Use (TLU) sites, and erosion and sediment control measures. Pipeline construction on Spread 1 is mechanically complete; some final Project activities on the Spread 1 right-of-way are anticipated to resume in summer 2022. The Project Construction Progress Report (Condition 106) for May 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 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

Wildlife Management

While conducting site monitoring, Indigenous Monitors record and report any wildlife sightings to the Environmental Inspector. Indigenous Monitors also participate in discussions with the Environmental Inspection team relating to; wildlife protection strategies and inspect that mitigation measures, like environmental feature signage and buffers are effectively in place.

The Indigenous Monitors participated in wildlife sweeps, including amphibian and migratory nesting bird sweeps alongside the Resource Specialist prior to clearing and/or other construction activities. Nesting birds that require protection include species of migratory birds and those listed federally and/or provincially. Indigenous Monitors joined the Resource Specialist to conduct bird sweeps between KP 48 and 198. All mitigations were in place at the time of inspection.



Bird nest buffer in place at KP 128.



Bird nest buffer at KP 198.

Edmonton Terminal Inspection

A joint inspection was conducted by the Environmental Inspector and Indigenous Monitor at Edmonton Terminal. Waste management was inspected as well as secondary containment for equipment and fuel storage tanks. Spill kits and spill response procedures were reviewed with no concerns identified. No deficiencies were found at the time of inspection.

An Indigenous Monitor also inspected and observed construction activities. The containment wall construction continues with installation going as planned. Piles for the containment wall continue to be installed around booster pump 5 in the tank area. The first of four tanks had coating completed at the time of inspection; the others are anticipated to have coating completed during the summer months. Line 2 pump building construction is under way. The concrete slab for the building is complete and a concrete sump for emergency hydrocarbon containment is being built. The pump building is scheduled for completion in December 2022. Key compliance measures on the construction permit were reviewed and mitigations were in place. No deficiencies were noted during inspection.



Coating on storage tank complete at Edmonton Terminal.



Piling construction for pump-shack at Edmonton Terminal.

Traditional Land Use Sites

Resource-Specific Mitigation Tables and Environmental Alignment Sheets are used to illustrate 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 that have been conducted in relation to the Project over many years.

Indigenous Monitors inspected previously identified TLU sites along the right-of-way on Spread 2 to confirm mitigation measures remain in place included signage, staking and flagging.

Indigenous Monitors inspect TLU sites with a focus on sites near active construction to ensure mitigation measures are in place to protect Heritage Resources. Some sites inspected include but are not limited to TLU-1, TLU-4, TLU-5, TLU-6, TLU-9 and TLU-26.

An Indigenous Monitor also performed an inspection on a Plant Gathering Site, considering mitigations listed in the Resource Specific Mitigation Table. The Indigenous Monitor confirmed no chemicals have been sprayed in the TLU site, that boundary signage is in place and the Condition 100 Heritage Resource and Sacred and Cultural Sites Plan is followed. Inspected mitigation measures remained in compliance.



Signage in place at TLU-1 .



Signage in place at TLU-4.

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. Key areas where ESC measures are required can include; soil excavations, exposed slopes, soil stockpiles and locations near watercourses.

On-site ESC mitigations may include; sediment fences, swales, wattles, rock armouring, erosion control blankets and hydroseeding, as well as water drainage control measures.

Indigenous Monitors inspected ESC mitigations, including wing walls and silt fencing through several wetlands. Indigenous Monitors inspected; erosion control blankets secured with willow stakes, rock armouring, swales and placement of coarse woody debris in and around the several watercourse crossings completed in recent months. No deficiencies were identified during these inspections.



Wing walls in place at KP 91.



AB 119 Carrot Creek bank restoration complete at KP 192.



AB 128 January Creek bank restoration complete at KP 205.

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 (beyond any reports or documents requested and shared through day-to-day team activity on-site), 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	6	1	5	-	12
Fulfilled	6	1	5	-	12
Outstanding	-	-	-	-	-

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

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