

## INDIGENOUS MONITOR OVERVIEW REPORT

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**Month: December 2021**

**Indigenous Monitor days on-site: 16**

**Project Region: Yellowhead, Spread 2**

**Kilometre Posts (KPs) monitored:  
KP 47–377**

### **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 Yellowhead Region. 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 Yellowhead Region involving Indigenous Monitors took place from KP 47–377 in Spread 2 and included monitoring erosion and sediment control in wetland and watercourse crossings, pump station inspections and Traditional Land Use (TLU) sites. The Project Construction Progress Report (Condition 106) for December 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 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)**

## Erosion Sediment Control in Wetland and Watercourse Crossings

Wetland crossing requirements are outlined in the Environmental Protection Plan, Site-Specific Wetland Crossing Execution Plan and Applicable Provincial Permits. Plans and permits are required before work begins. Indigenous Monitors review the requirements outlined in the above documents before and during their inspections. These inspections consider spill response and mitigations that are in place, topsoil being stored separately from upland soils and erosion and sediment control (ESC) measures in place.

Watercourse and wetland crossings are a large part of construction activity in early winter. In December, Indigenous Monitors inspected and confirmed the proper installation of temporary bridges, watercourse crossing preparation and matting through wetland with wing walls that will control sediment runoff and prevent upland soils from entering wetlands at watercourses.

Indigenous Monitors will continue to inspect the effectiveness of these mitigation measures and report deficiencies to an Environmental Inspector. There were no environmental concerns noted during these inspections.



KP 63 AB 19 bridge Geotech installed.



KP 106 AB 42A access with wing walls.



KP 246 WT 517. Sediment fence in place.



Crossing prep KP 268 AB 143 WT 834/835.

## Pump Station Inspection

In December, joint inspections were conducted by an Environmental Inspector and an Indigenous Monitor at the Gainford Pump Stations. The Facilities Environmental Protection Plan was reviewed and referenced during the inspection to ensure correct mitigations were identified. The inspection included observing the sites' waste management procedures and disposal bins, use of secondary containment and the completion of final grade the Gainford Pump Station buildings. Erosion and sediment control measures were inspected on the south side near the Line 1 right-of-way. The sediment fence is in good repair and there were no environmental concerns at the time of inspection.

Pump Station construction is nearly complete on Spread 2 and no construction activity is anticipated there until spring 2022 when reclamation activities resume. Gainford is the only Pump Station with ongoing construction activity. Indigenous Monitors will continue to monitor sites where active construction is taking place.



Gainford Pump Station west view KP 116.



Gainford Pump Station east view KP 116.

## TLU Sites

Prior to construction, previously identified cultural use areas are identified along the right-of-way. Such locations have been identified during TLU studies conducted by Indigenous groups prior to construction. As part of the Environmental Protection Plan, a TLU Sites Discovery Contingency Plan outlines steps to take if previously unidentified TLU sites are identified during construction.

Indigenous Monitors inspected previously identified TLU sites along the right-of-way, including but not limited to: TLU-6, TLU-7, TLU-8, TLU-9, TLU-12, TLU-13, TLU-14, TLU-17 and TLU-19. Mitigation measures in place included signage, flagging and documentation of any current use. Indigenous Monitors report deficiencies in these mitigations to an Environmental Inspector.

Indigenous Monitors assist, where possible, with corrective actions and confirm completion. An Indigenous Monitor inspected both pictured TLU sites to confirm the root zone soil material remained labelled and stockpiled separately. The pipe has been installed in these areas and backfill was completed. In spring, during the reclamation process, the seed bed will be returned so these plant gathering sites will be preserved. No outstanding deficiencies were found at the above-mentioned sites.



Proper signage in place at the approach of a TLU site.



Soils separated, staked and labelled at KP269.

## 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, 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	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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