

INDIGENOUS MONITOR OVERVIEW REPORT

Month: October 2020

Indigenous Monitor days on-site: 26

Project Region: Yellowhead (Spread 2)

**Kilometre Posts (KPs) monitored:
135–342**

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

The Trans Mountain Expansion Project (the Project) 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 Yellowhead region. 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 Yellowhead Region involving Indigenous Monitors were focused around KP 135-342 and included wildlife encounters and monitoring environmental features, such as watercourses, and associated construction for proper mitigations, such as noise suppression. The Project Construction Progress Report (Condition 106) for October 2020, which reports environmental events and deficiencies in Tables 4 and 5 respectively, is found [here](#).

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. Trans Mountain and its construction contractors are working diligently together to adhere to all advice and direction from government and health officials, while ensuring the safe uninterrupted operation of the Trans Mountain Pipeline and the continued, safe construction of the Expansion Project. Measures being undertaken at construction sites include: following physical distancing guidelines, staggering work shifts and breaks; eliminating or minimizing in-person meetings; and enhancing cleaning and sanitizing; and ensuring workers orientation includes COVID 19 expectations, awareness and prevention.

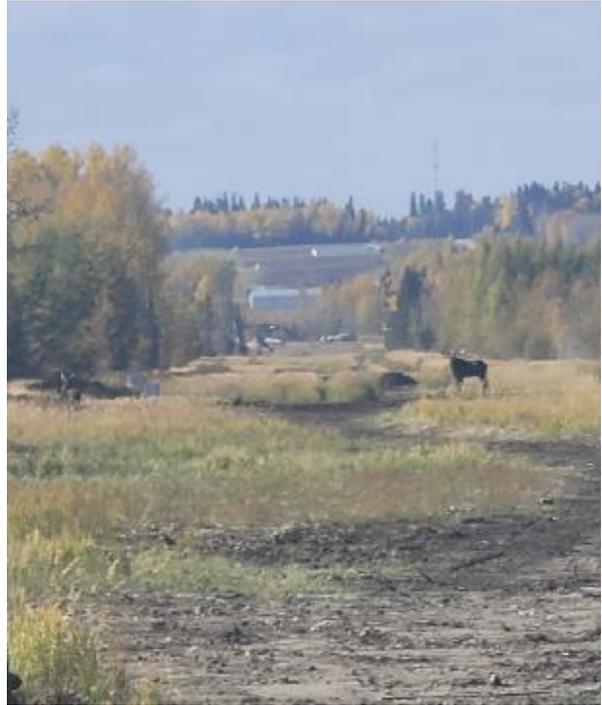
For more information: transmountain.com/covid19

Wildlife Encounters

Indigenous Monitors made records of wildlife encounters while on the construction footprint. Wildlife observations included moose, mule and white tail deer sightings. These observations are documented and reported to the Lead Environmental Inspector to ensure proper safety communication for the site and wildlife deterrents are in place. Pre-construction baseline surveys have been undertaken for the Project to understand wildlife activity and habitat features and how to best implement mitigations to reduce interactions between wildlife populations and the Project.

Mitigations for wildlife during construction include:

- Report any incidents or collisions with wildlife to Trans Mountain who will consult with the Appropriate Government Authorities and the local conservation officer, if applicable.
- Maintain a tight construction spread (i.e., stringing to backfilling) and construct the pipeline in an efficient manner to limit the duration of sensory disturbance to wildlife.
- Do not harass or feed wildlife. Do not store food in beds of pickup trucks or areas readily accessible to wildlife.



Moose observed and documented as a wildlife encounter around KP 190, east of Edson.

Bridge Installation

Bridges are installed over watercourse crossings and wetlands east of Edson at KP 227. There are several mitigation measures the Indigenous Monitors observed during bridge installation. These key activities are related to erosion and sediment control and include undertaking all construction activities that avoid or minimize erosion and the discharge of sediment or other substances into any nearby watercourses, wetlands, lakes or connecting draining systems.

The Indigenous Monitors also monitored proper signage and flagging of the area.



Bridge construction with geo fabric at KP 227, east of Edson.

Noise Mitigation

Indigenous Monitors help to ensure mitigation measures are followed to reduce potential adverse environmental effects associated with general pipeline construction noise.

The Indigenous Monitors' observations at the sound barrier sites included good housekeeping practices, matting placement, proper signage and continued avoidance at Traditional Land Use (TLU) sites in close proximity.

Construction will be completed in a manner that avoids or reduces adverse effects of noise on residents in the area, land users and socio-economic and environmental features. Noise abatement mitigations for the Project include:

- Schedule intermittent noise-producing events to avoid sensitive periods for wildlife, livestock and residents, where feasible.
- Noise abatement equipment and construction scheduling will be considered at noise sensitive locations (e.g., neighbouring residents) and during noise-sensitive periods.



Pembina River HDD sound barrier near KP 134.



Wolf Creek HDD sound barrier near KP 219.

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: 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	Number and Type of Requests				Total
	Project Reports/Documents	Environmental Resource Specialists	Elder/Cultural Knowledge Holder	Other	
Total	3	1	2	0	6
Fulfilled	3	1	-	-	4
Outstanding	-	-	2	-	2

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