

INDIGENOUS MONITOR OVERVIEW REPORT

Month: March 2020

Indigenous Monitor days on-site: 26

Project Region: Edmonton (Spread 1)

Kilometre Posts (KPs) monitored: 1–48

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 in order 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 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 Edmonton Region involving Indigenous Monitors were taking place from KP 1 to 48 including monitoring and inspecting ditching activities, pipe installation and topsoil stripping.

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 our 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: temperature screening; following physical distancing guidelines, staggering work shifts and breaks; eliminating or minimizing in-person meetings; enhancing cleaning and sanitizing; and ensuring workers orientation includes COVID 19 expectations, awareness and prevention.

For more information: transmountain.com/covid19

Ditching and Excavation

The Indigenous Monitors met with the construction crew to discuss ditching and excavation of a trench on the right-of-way for pipe installation.

The inspection included monitoring the workmanship and safety of the crew on-site, trenching and soil compaction and stability.



Mainline ditched and prepped for pipe to be lowered in the ground.

Pipe Installation

The Indigenous Monitors inspected the construction crew drilling a borehole that was required for installing a section of pipe. They monitored the installation of a 42" reamer on a drill bit that was attached to the pipe to pull through the borehole.

The inspection focused on appropriate signage and flagging, soil stability and ensuring equipment was cleaned and free of vegetation and debris.



42" reamer on drill bit used to install a section of pipe.

Topsoil Stripping

Along Spread 1, topsoil stripping is taking place. When removing topsoil, there are many required mitigations including the inspection of topsoil piles to ensure they are within the survey limits of the right-of-way and no soil has gone outside these limits. Appropriate construction equipment must also be used during topsoil stripping when frozen ground conditions are encountered.

The Indigenous Monitors have been involved in monitoring and inspecting such topsoil stripping mitigation. The Indigenous Monitors also walk in transects along the cleared area to investigate any potential chance finds that could be unearthed.



Topsoil and grade stripping on the right-of-way.

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: 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 | | | | |
|-------------|-----------------------------|------------------------------------|---------------------------------|-------|-------|
| | Project Reports/Documents | Environmental Resource Specialists | Elder/Cultural Knowledge Holder | Other | Total |
| Total | 1 | 0 | 0 | 1 | 2 |
| Fulfilled | 1 | - | - | 1 | 2 |
| Outstanding | - | - | - | - | - |

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

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