

## INDIGENOUS MONITOR OVERVIEW REPORT

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**Month: November 2020**

**Indigenous Monitor days on-site: 20**

**Project Region: Jasper to Mount  
Robson Reactivation  
(Hinton to Hargreaves)**

**Kilometre Posts (KPs) monitored:  
322–465**

### **Indigenous Monitors on the Trans Mountain Expansion Project – Overview**

The Trans Mountain Expansion Project (TMEP) is retaining Indigenous Monitors as integrated members of its construction Environmental Inspection team. Indigenous Monitors work with Environmental Inspectors to monitor compliance with approved mitigation measures to minimize impacts to traditional resource use and cultural/heritage impacts during TMEP construction.

Operations and maintenance work, including integrity digs and sleeve replacements occurring along the deactivated pipeline segments in Jasper National Park and Mount Robson Provincial Park, is not part of TMEP nor subject to TMEP Conditions. However, Trans Mountain will be including Indigenous Monitors during certain operations and maintenance work in reactivation areas, as it relates to preparing for future TMEP construction activities.

This Overview Report provides highlights of the Indigenous Monitors' day-to-day work and key highlights observed by the Monitors in the Jasper to Mount Robson Reactivation region (Hinton to Hargreaves), specifically Jasper National Park and Mount Robson Provincial Park. The purpose of this report is to provide an update on Indigenous Monitor activities to Indigenous groups. During this reporting period, key activities in the Jasper to Mount Robson Reactivation region involving Indigenous Monitors included reclamation of Vine Creek, erosion and sediment control at the Fraser River #7 pipe replacement, topsoil stripping at Rockingham and biosecurity across the entire reactivation segment.

**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. 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](https://transmountain.com/covid19)**

### Reclamation of Vine Creek

As construction activities on Vine Creek near completion, cleanup and reclamation measures occur to return the disturbed site to a stable condition similar to the condition the site was in prior to construction activities.

Mitigation measures implemented during reactivation cleanup and reclamation include:

- Removing debris and materials
- Re-establishing the construction site to a stable condition
- Re-establishing positive drainage across the worksite
- Preventing surface material loss due to soil erosion by wind and water
- Establishing a vegetative cover compatible with surrounding vegetation and land uses, and deterring the proliferation of weeds, all to maintain equivalent land capability

The Indigenous Monitors inspected and participated in cleanup and reclamation activities, including monitoring of site housekeeping efforts, inspecting transplant areas including Trembling Aspen and Balsam Poplar root balls in riparian zones.



Vine Creek root balls replanted.



Rocks put back in place.

### Erosion and Sediment Control

Site-specific sediment control measures are implemented to prevent sediment-laden runoff from entering watercourses.

The Indigenous Monitors inspected creek and river slopes to ensure erosion and sediment control measures were in place. The Indigenous Monitors also worked with the Environmental Inspectors and the construction crew to ensure silt fencing (a temporary sediment control device used to protect water quality in nearby streams from sediment in stormwater runoff), straw wattles, erosion control matting and drainage controls (shallow ditching and/or pumping) to prevent puddling and to expedite drying were used on-site.



Silt fencing and straw booms at Fraser River #7 access.



## Topsoil Stripping

When removing topsoil in construction areas, required mitigation includes:

- Segregation of topsoil from root zone material
- Proper storage and covering to reduce potential erosion
- Effective labelling and signage and 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

During construction activities, Indigenous Monitors were on-site performing monitoring and inspection duties related to soils including ensuring equipment arrives clean on-site, soil piles are placed within the survey limits of the right-of-way, soil piles are properly labelled and that topsoil and transition piles have adequate buffers.

Indigenous Monitors were involved in inspecting the salvage and placement of topsoil, and available if any potential heritage resources or items of traditional land use interest were unearthed during soil stripping operations.



Topsoil stripping near Rockingham Creek.



Topsoil piled near Rockingham Creek.

## Biosecurity

Biosecurity cleaning requirements refers to measures to prevent the introduction or transfer of invasive weeds species and aquatic pests and to reduce any potential for contamination. In Jasper National Park and Mount Robson Provincial Park, biosecurity measures include ensuring all vehicles and equipment working in the parks are cleaned in accordance with regulations with approved documentation and have an emergency spill kit. Protective wooden access matting is also inspected before initially being placed and before being moved to another construction area.

The Indigenous Monitors inspected the cleaning and sanitizing of vehicles, equipment



### Biosecurity (cont'd.)

and material entering the parks, including crew trucks, excavators, hydrovac trucks and protective access matting. Indigenous Monitors also inspect that all vehicles and equipment have a proper emergency spill kit.




## 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				
	Project Reports/Documents	Environmental Resource Specialists	Elder/Cultural Knowledge Holder	Other	Total
Total	1	-	-	-	1
Fulfilled	-	-	-	-	-
Outstanding	1	-	-	-	1

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

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