

INDIGENOUS MONITOR OVERVIEW REPORT

Month: September 2021

Indigenous Monitor days on-site: 23

**Project Region: Jasper to Mount
Robson, Reactivation**

**Kilometre Posts (KPs) monitored:
KP 322–461**

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 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 mitigation measures observed by the Monitors related to Project construction in the Jasper to Mount Robson Reactivation 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 Jasper to Mount Robson Reactivation Region involving Indigenous Monitors took place from KP 322-461 and included monitoring watercourse crossing and in-stream work, construction housekeeping and amphibian salvage. The Project Construction Progress Report (Condition 106) for September 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 Traditional Land Use (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.

Amphibian Salvage

A Project requirement is to create an inventory of incidental wildlife observations and to follow contingency measures for the discovery of wildlife species of concern. Species of concern refers to wildlife with higher sensitivity to disturbance from Project activities during sensitive life stages like breeding and overwintering.

Wildlife sweeps are conducted in areas where Project construction activities are occurring and will occur. In addition, amphibian salvages are conducted prior to the commencement of heavy equipment activity at specific identified stream dwelling amphibian watercourses and other construction areas in accordance with amphibian salvage approval and/or permit conditions.

Indigenous Monitors assisted Resource Specialists in amphibian salvage through the month of September. This involved checking pitfall traps and releasing amphibians in areas specified on the appropriate permit. Indigenous Monitors inspected exclusion fence and ensured it was installed and working properly. This activity ensures amphibians overwinter outside the Project footprint and will not be impacted by construction activity.



Long-toed salamander salvaged KP 427.



Pitfall traps at KP 326.



Exclusion Fence KP 326.

Construction Site Housekeeping (Spill response)

Indigenous Monitors conduct several inspections and observe several areas of the spreads each day. There are several housekeeping mitigation measures that are ongoing throughout the Project. This includes observing and documenting garbage and recycling disposal, scrap metal management, waste storage and secondary containment of fuel and other hydrocarbons within wetlands and riparian zones. Secondary containment measures include, but are not limited to, drip trays placed under hydrocarbon containers like gasoline and diesel, paint and aerosol spray cans. These mitigation measures are included in several Environmental Field Guides and are a fundamental component of environmental protection on the Project.

Indigenous Monitors recorded the proper use of secondary spill containment measures at KP 326 and KP 380 in September. If a deficiency is noted the contractor is notified immediately.



Secondary containment in use near KP 326 in Jasper National Park.

Watercourse Crossings In-Stream Work

Environmental mitigation measures for in-stream construction of the watercourses Unnamed Creek 325 are prescribed in the TMEP restricted activity permit issued by Jasper National Parks. Mitigation measures required for in-stream construction include, but are not limited to: biosecurity cleaning of equipment, secondary containment of hydrocarbons, stream bed material, fish salvage water quality monitoring and sediment/erosion control.



Pumps upstream

Watercourse Crossings In-Stream Work (cont'd)

The Indigenous Monitor observed the contactor install diversion pumps and hoses used to divert the water for in-stream work to occur at watercourse Unnamed Creek KP 325. The upstream water is being diverted downstream of the crossing area to maintain natural flow conditions and water quality. Hoses were placed on plywood to reduce the potential impacts of topsoil scouring, soil erosion and water quality turbidity increases.

The Indigenous Monitors observed that the hoses were working as intended and water was flowing onto the plywood; no adverse environmental impacts were identified during the time of inspection.

The Indigenous Monitors also observed and assisted with the fish salvage. A Brook Trout was salvaged, inspected and released downstream of the crossing. This observation was in compliance with TMEP's restricted access permit issued by Jasper National Park.



Water diversion hoses.



Water defuser on plywood.



Brook Trout released downstream Unnamed Creek KP 325.

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	Rolling Total and Type of Requests				
	Project Reports/Documents	Environmental Resource Specialists	Elder/Cultural Knowledge Holder	Other	Total
Total	1	-	-	-	1
Fulfilled	1	-	-	-	1
Outstanding	-	-	-	-	-

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

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