

INDIGENOUS MONITOR OVERVIEW REPORT

Month: April 2021

Project Region: Lower Mainland

Indigenous Monitor days on-site: 23

**Kilometre Posts (KPs) monitored:
Spread 7 KP 1167.8 to 1174.9**

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 Lower Mainland. 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 Lower Mainland region involving Indigenous Monitors included construction at Westridge Marine Terminal (WMT), Burnaby Terminal, Sumas Terminal and on Spread 7. Activities included, wildlife observation and management, Watercourse Crossing Isolated In-stream Construction, and construction housekeeping and spill response. The Project Construction Progress Report (Condition 106) for April 2021, 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 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

Wildlife Observation and Management

While conducting site monitoring in the Lower Mainland, the Indigenous Monitors record and report wildlife sightings to Environmental Inspectors. They also participate in discussions with the Environmental Inspection team relating to wildlife protection strategies and monitor and inspect that mitigation measures are effectively in place.

At the Fraser River HDD Entry Pad area and at the Colony Farm temporary workspace, the Indigenous Monitors observed ongoing wildlife sweeps for migratory nesting birds, amphibians and Oregon Forestsnails. Amphibians and Oregon Forestsnails were found and relocated to natural habitat on the exterior side of the wildlife exclusion fencing that was installed around the project footprint to prevent wildlife from re-entering the site.

In April, the Indigenous Monitor working at Burnaby Terminal inspected signage and exclusion buffers installed to limit access to active Killdeer nesting areas east of Tank 99. At Sumas Terminal in April, a Robin nested on a construction crane at the Tank 104 area. The Indigenous Monitor was on-site and observed construction work halt temporarily on Tanks 104 and 105, while further investigation and monitoring of the Robin's nest occurs.

In April, monitoring of a Bald Eagle's nest located in a forested area to the east of the WMT site was ongoing due to adjacent construction activity. As required in the Trans Mountain Bald Eagle Nest Management Plan, if construction activity occurs within 140 metres of the nest, a Trans Mountain Resource Wildlife Specialist will monitor the eagles for any signs of disturbance. If disturbance is observed, the construction activity will be suspended and alternative construction methods will be evaluated. No disturbance to the eagles was observed. Per the Plan, no construction activities are permitted to occur within 40 metres of the nest.



Trap used to salvage amphibians at the Colony Farm temporary work space.



Bird buffer placed east of Tank 99 at Burnaby Terminal.



Active bird nesting sign placed within the bird buffer east of Tank 99 at Burnaby Terminal.



Eagle sitting on eggs in their nest near WMT.

Watercourse Crossing Isolated In-stream Construction

In April, the Indigenous Monitors on Spread 7 monitored isolated in-stream construction activities on CWP 67 relating to the installation of a box culvert at watercourse ID BC-780a. To install the box culvert, the watercourse must be temporarily diverted around the construction area using an isolation crossing methodology consisting installation of upstream and downstream dams with pumps and hoses used to diver the water.

There are numerous environmental mitigations associated with this construction activity the Indigenous Monitors observed including: biosecurity cleaning of equipment and secondary containment of hydrocarbons, refueling of equipment outside the 100-metre buffer, fish salvage, fish diversion netting, sediment and erosion control silt fencing, and water quality monitoring for turbidity.

The Indigenous Monitors observed the contractor prepare the area with placement of sandbag dams and diversion pumps and hoses. Prior to water diversion, the Indigenous Monitors observed the Trans Mountain Resource Specialist conduct a fish salvage and sweeps for amphibians, as well as install a fish screen to prevent any other fish from nearing the temporary upstream dams. No fish nor amphibians were found.



Diversion hoses and pumps at watercourse ID BC-780a

Construction Site Housekeeping (Spill response)

The Indigenous Monitors conduct inspections at various construction areas for general housekeeping measures. This includes observing and documenting garbage and recycling disposal, scrap metal management, waste storage and secondary containment of fuel and other hydrocarbons. Secondary containment measures include, but are not limited to, drip trays under inactive vehicles and equipment, and drip trays placed under hydrocarbon containers like gasoline and diesel, and paint aerosol spray cans. If a deficiency is observed the contractor is notified immediately.

For example, at WMT the Indigenous Monitor observed drip trays missing from underneath heavy equipment that was not in use. This deficiency was recorded and the equipment operators were instructed to place drip trays under the idle equipment. At Sumas Terminal, the Indigenous Monitor observed a leaking concrete waste bin. The contractor was notified, who immediately deployed a hydrovac truck to clean up the spill.



Well maintained hazardous waste storage unit at WMT.

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	Rolling Total and Type of Requests				
	Project Reports/ Documents	Environmental Resource Specialists	Elder/Cultural Knowledge Holder	Other	Total
Total	1	0	0	0	1
Fulfilled	1	-	-	-	1
Outstanding	0	-	-	-	0

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

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