

INDIGENOUS MONITOR OVERVIEW REPORT

Month: October 2019

Indigenous Monitor days on-site: 25

Project Region: Lower Mainland

Kilometer Posts (KPs) monitored: n/a

Indigenous Monitors on the Trans Mountain Expansion Project – Overview

As part of its Compliance Management Plan, the Trans Mountain Expansion Project (the Project) 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 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 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 an Indigenous Monitor included inspection and monitoring activities at Westridge Marine Terminal including watercourse crossing preparatory work for watercourse diversion, East water treatment plant upgrades, marine works and regulatory inspections.

For more information: email info@transmountain.com or call 1-866-514-6700

Watercourse Diversion

A non-fish-bearing S6 watercourse was identified at Westridge Marine Terminal that has a mean channel width of less than 3 metres. Trans Mountain obtained a British Columbia Oil and Gas Commission Permit to divert the watercourse around a work area that will be developed for construction of the Burnaby Mountain Tunnel.

The Indigenous Monitor has been performing monitoring and inspection activities of construction works in and around the watercourse including tree clearing, grubbing and the installation of diversion dams and diversion pumps to ensure no adverse impacts to the watercourse as a result of the activities.



Sandbag dam installed to temporarily divert S6 watercourse

East Water Treatment Plant

As part of the upgrade and expansion of the Westridge Marine Terminal, there are a number of onshore and marine construction temporary facilities. One of the onshore facilities installed was a water treatment plant, which receives turbid water that contains sediment, filters the turbid water and discharges clean water.

The Indigenous Monitor participated in inspection and monitoring activities during the installation of the water treatment plant and will be performing ongoing inspection and monitoring as the water treatment plant is in operation to validate it is performing to required standards.

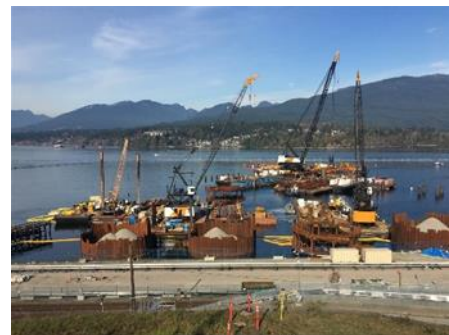


East water treatment plant

Marine Works

Marine works were on-going related to the expansion of the foreshore area and construction of a new dock complex. Sheet pile cell templates and berthing dolphin templates were installed. Key activities included: vibratory pile driving of pin piles and sheet piles, in-water excavation using a clamshell bucket to remove rock obstructions, and the installation of turbidity curtains for upcoming rip rap removal on the western shoreline.

The Indigenous Monitor is performing ongoing inspection and monitoring activities as marine construction work continues.



Marine works involving crane and material barges at Westridge Marine Terminal

Regulatory Inspections

The Indigenous Monitor has been participating in several site inspections by the Canadian Energy Regulator and Fisheries and Oceans Canada, including the Indigenous Advisory and Monitoring Committee.

The inspections involve a number of areas including inspecting environmental mitigations such as poly on the foreshore for erosion and sediment control.



Poly on the foreshore for erosion and sediment control

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

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