

# Trans Mountain Expansion Project Socio-Economic Monitoring Report - Coquihalla Hope Region

October to December 2020



## Introduction

This report presents the quarterly socio-economic monitoring results for the Coquihalla Hope Region related to construction of the Trans Mountain Expansion Project (TMEP or the Project). The monitoring approach and indicators are discussed in detail in the TMEP Socio-Economic Effects Monitoring Plan (SEEMP) approved by the Canadian Energy Regulator (CER) pursuant to CER Condition 13 (see link below). This report presents the Project-specific indicators; these are data that are directly attributable to the Project, reflect the Project's contribution to socio-economic outcomes, and help pinpoint Project actions that may require change. Please refer to Annex 1 - Socio-Economic Context, Coquihalla Hope for the regional context indicators that reflect the broader socio-economic conditions in which Project construction is occurring.

*Trans Mountain's first priority has and will always be the health and safety of our workforce, their families and our communities. In response to the evolving COVID-19 pandemic, Trans Mountain and our construction contractors for the Trans Mountain Expansion Project have been working diligently together to ensure adherence to all advice and direction from government and health officials both provincially and federally.*

[Socio-Economic Effects Monitoring Plan \(CER Condition 13\)](#)

(the above links to the CER website where the SEEMP is filed)

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## Project-Specific Indicators

### Quantitative Indicators

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	% (where applicable)	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Oct-20	Nov-20	Dec-20				
N/A	Total calendar days of construction work during the reporting cycle	30	24	16	70	N/A	N/A	
	Workers on site per day (average)	211	286	304	258	N/A		
1	Number of worker-days in field (categorized in two ways: by geographic origin, and also by Indigenous v. non-Indigenous status) Threshold for Action: Number of non-local/regional workers by region/spread is +/- 20% different than estimated in Worker Accommodation Strategy CER Condition 59							
	Total Worker-days	6324	6863	4870	18057	100%	N/A	N/A
	a) Worker-days, Local or Regional residents	2211	3197	2568	7976	44%		
	b) Worker-days, Other (workers not Local or Regional residents)	4113	3666	2302	10081	56%		
	c) Indigenous	1497	847	825	3169	18%		
	d) Non-Indigenous	4827	6016	4045	14888	82%		
2	Number of worker-days in field (categorized by accommodation arrangements of the workers) Threshold for Action: Less than 75% of non-local/regional workers are staying in camps and qualitative feedback received about adverse issue or concern from local authority or tourism /hotel association representative.							
	Total Worker-days	6323	6863	4870	18056	100%	N	N/A
	a) Worker-days, Local or Regional resident, residing at home	1624	1752	1089	4465	25%		
	b) Worker-days, not Local or Regional, not staying in TMEP camps (i.e., staying in local rental, hotel)	4699	5111	2482	12292	68%		
	c) Worker days, not Local or Regional resident, staying in TMEP camps	0	0	1299	1299	7%		
3	Living out allowance or related stipend Threshold for Action: An increase in the number of worker-days paid (indicator 3a) from the previous reporting cycle and any qualitative feedback received about adverse issues from local authorities or tourism /hotel associations.							
	a) Number of worker-days paid	3985	6045	2284	12314	N/A	N	N/A
	b) Total value (\$)	\$ 771,370	\$ 1,088,965	\$ 477,645	\$ 2,337,980	N/A		
5	Number of worker-days, in field - anticipated in next business quarter Threshold for Action: N/A - this is a forward indicator to assist stakeholders and Indigenous groups in community readiness.							
	a) Jan 2021	N/A			n/a - due to safety stand down	N/A	N/A	N/A
	b) Feb 2021				n/a - due to safety stand down	N/A		
	c) Mar 2021				n/a - due to safety stand down	N/A		

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	% (where applicable)	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Oct-20	Nov-20	Dec-20				
6	Number of motor vehicle collisions or reportable incidents that involve Project vehicles on public roads during work hours or Contractor-owned vehicles during off-work hours <i>Threshold for Action: No minimum threshold. All incidents/accidents will be investigated.</i>							
	Total	0	0	0	0	N/A	N/A	N/A
	a) Number involving injuries	0	0	0	0	N/A		
	b) Number involving fatalities	0	0	0	0	N/A		
7	Workers transported from staging areas per day (average) <i>Threshold for Action: Number, when calculated as a % of total workers on site (average during the month of the count) is less than 75%.</i>							
	Mid-month count	0	0	0	0	N/A	Y (see Note 1)	Contractor was not yet using a yard or staging area during early activity, and workers have been largely carpooling to work sites. Logistics will be reevaluated at construction re-start.
	End-month count	0	0	0	0	N/A		
	Average	0	0	0	0	N/A		
8	Personal vehicles in staging area per day (average) <i>Threshold for Action: Number is 10% or more of AADT values at locations nearest to staging yards and qualitative feedback received about adverse traffic volume issues via indicators #11 and #12.</i>							
	Mid-month count	36	28	29	31	N/A	N	N/A
	End-month count	38	28	2	23	N/A		
	Average	37	28	16	27	N/A		
9	Number of times a “captive” Project worker was referred to a local health facility or required emergency medical transport ("Captive" workers = workers on a Project premises, i.e., in camp or on work-site) <i>Threshold for Action: Qualitative feedback from local health authority regarding capacity concerns.</i>							
	a) Total number of times a worker was referred or sent to local health facilities	0	0	0	0	N/A	N	N/A
	i. urgent	0	0	0	0	N/A		
	ii. non-urgent	0	0	0	0	N/A		
	iii. occupational	0	0	0	0	N/A		
	iv. non-occupational	0	0	0	0	N/A		
	b) Total number of times a worker required ambulance or other emergency transport	0	0	0	0	N/A		
10	Number of medical visits to Project on-site medical facilities <i>Threshold for Action: Number, when calculated as a percentage of average number of workers per month rises from the previous reporting cycle.</i>							
	Total	0	0	2	2	N/A	Y	Threshold triggered as initial uses of on-site medical facilities increased from zero as camp occupancy began. On-site medical services are adequate to support Project needs.
	a) occupational	0	0	1	1	N/A		
	b) non-occupational	0	0	1	1	N/A		
14	Number of people affected by a notifiable disease in a work camp <i>Threshold for Action: No minimum threshold; all notifiable diseases will be reported to the local health authority</i>							
	Total	0	0	0	0	N/A	N/A	N/A

## Qualitative Indicators

SEEMP Indicator No.	Indicator				Threshold Triggered? Y/N	If Threshold Triggered, Action Taken
4	Qualitative feedback about Project use of local/regional commercial accommodation (e.g., hotels, motels, campgrounds) <i>Threshold for Action: Qualitative feedback received about adverse issues from local authorities, tourism/hotel associations or hotels used by Contractor.</i>					
	None				N	N/A
11	Number and types of calls/complaints received through TMEP feedback line (about construction-related social impacts) <i>Threshold for Action: There is no threshold for action as all grievances will be responded to.</i>					
	Month	Number, originating from the region	Common Socio-Economic Impact Themes		N/A	N/A
	Oct-20	Total: 1 % Indigenous: 0 % Non-Indigenous: 100	Worker conduct - Anonymous complaint regarding unnamed worker (family friend) allegedly with alcohol in vehicle.	While the call was anonymous and the worker's identity unknown, all contractors are required to follow Trans Mountain drug and alcohol policy, and there is a zero tolerance for use of drugs and alcohol in the workplace. Fit for duty drug and alcohol testing may be applied to workers if deemed necessary.		
	Nov-20	Total: 1 % Indigenous: 0 % Non-Indigenous: 100	Traffic - traffic on Laidlaw Road	Trans Mountain will continue to follow up on traffic-related concerns. Contractors have a Traffic Management Plan addressing public protection measures, access roads/routes to the construction site and Traffic Control Plans for each work zone. Trans Mountain follows up with the contractor to ensure traffic-related requirements are followed.		
	Dec-20	Total: 2 % Indigenous: 0 % Non-Indigenous: 100				
12	Qualitative feedback themes about community concerns and experienced social effects <i>Threshold for Action: Adverse socio-economic issue or concern from an appropriate government authority or service provider or community organization.</i>					
	Theme	Impact Overview	Trans Mountain Response			
	Traditional use and cultural sites	Culturally modified trees observed in log deck.	Trans Mountain follows the Traditional Land Use Sites Discovery Contingency Plan in the Environmental Protection Plan in the event that a previously unidentified traditional use site is found during construction. Per the Contingency Plan, in this instance, the resources were flagged for assessment and potentially affected Indigenous groups were notified and engaged. Based on the outcomes of engagement, the trees were delivered to a local Indigenous group.		N	N/A
13	Qualitative feedback themes about effects on the quality and abundance of traditional harvesting resources, or ability of Indigenous people to harvest resources, within the Project footprint <i>Threshold for Action: Qualitative from Indigenous group leader/administrator regarding reports of adverse effects on quality and abundance of traditional harvesting resources, or ability of Indigenous people to harvest their resources or access cultural sites, within the Project footprint.</i>					
	None				N	N/A

## Methodology and Notes

- Information in this report was collected through internal sources including labour and incident data from Contractors, TMEP feedback line data, and the review of stakeholder and Aboriginal engagement records. Data reflects activity related to TMEP construction only.
- A worker-day is defined as 10 hours of work, by a construction Contractor on-site or in an on-site office.
- The monthly data cut-off is typically the last Saturday of each month; this reporting cycle was September 27, 2020 to December 17, 2020.
- Thresholds are internally assessed on a monthly basis and are considered triggered if a threshold is exceeded for any given month within each quarterly reporting cycle.
- The threshold analysis of Indicator 1 utilizes the estimate of non-local/regional workers estimated in the Worker Accommodation Strategy (WAS) CER Condition 59, based on the corresponding month of construction in an ordered manner. For example, Month 1 predicted in the WAS is compared to Month 1 actual.
- Indicator 11 tallies feedback line calls/queries related to socio-economic impact topics related to TMEP construction activity. Socio-economic topics include: access limitations; road closures; business impacts; pressure on housing/accommodations; burden on infrastructure/services; sensory disturbance; traffic and driving; worker conduct; traditional use and cultural sites.
- Employment and business opportunity and training indicators are monitored and reported through separate processes, as per distinct CER Conditions (CER Condition 107 - Aboriginal, Local and Regional Employment and Business Opportunity Monitoring Reports; and CER Condition 58 - Training and Education Monitoring Reports).
- Individual numbers may be rounded to allow for totals to add up.
- For the threshold analysis for Indicator 1, the estimate of non-local/regional workers estimated in the WAS finished in May 2020. Therefore, as of June 2020 the threshold analysis for Indicator 1 is N/A.
- Indicator 5 includes active Construction contractors only.
- Data may be subject to revisions based on updates from Contractors or ongoing quality reviews.

### Notes

1. For the threshold analysis for Indicator 7, the average workers transported from staging areas per day (0) is approximately 0% of the average workers on site per day (258).