

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

January to March 2021 (Rev.1)



## 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
		Jan-21	Feb-21	Mar-21				
N/A	Total calendar days of construction site work during the reporting cycle <i>(includes days of select site activity during the safety shutdown)</i>	30	24	26	80	N/A	N/A	
	Workers on site per day (average)	58	247	417	231	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	1746	5936	10829	18511	100%	N/A	N/A
	a) Worker-days, Local or Regional residents	365	1935	4007	6307	34%		
	b) Worker-days, Other (workers not Local or Regional residents)	1381	4001	6822	12204	66%		
	c) Indigenous	496	1155	1343	2994	16%		
	d) Non-Indigenous	1250	4781	9486	15517	84%		
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	1746	5936	10829	18511	100%	N	N/A
	a) Worker-days, Local or Regional resident, residing at home	264	1784	2577	4625	25%		
	b) Worker-days, not Local or Regional, not staying in TMEP camps (i.e., staying in local rental, hotel)	1036	1909	3799	6744	36%		
	c) Worker days, not Local or Regional resident, staying in TMEP camps	446	2243	4453	7142	39%		
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	1009	2156	3240	6405	N/A	N	N/A
	b) Total value (\$)	\$ 187,170	\$ 453,060	\$ 601,495	\$ 1,241,725	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) Apr 2021	N/A			10407	N/A	N/A	N/A
	b) May 2021				11754	N/A		
	c) Jun 2021				13216	N/A		

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	% (where applicable)	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Jan-21	Feb-21	Mar-21				
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	198	66	N/A	Y (see Note 1)	Contractor was not yet using a yard or staging area and workers have been largely carpooling to work sites. When the staging area is in use, logistics will be reevaluated and shuttle buses will be in place. Currently workers drive light duty pick-up trucks.
	End-month count	0	0	251	84	N/A		
	Average	0	0	225	75	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	32	132	44	69	N/A	N	N/A
	End-month count	37	140	44	74	N/A		
	Average	35	136	44	72	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	1	1	2	N/A	N	N/A
	i. urgent	0	0	0	0	N/A		
	ii. non-urgent	0	1	1	2	N/A		
	iii. occupational	0	0	0	0	N/A		
	iv. non-occupational	0	1	1	2	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	71	32	110	213	N/A	Y	Threshold triggered due to an increased use of on-site medical facilities as Ohamic camp community increased occupancy from its initial opening in December 2020. No change in on medical services required.
	a) occupational	1	4	5	10	N/A		
	b) non-occupational	70	28	105	203	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	1	1	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
	Jan-21	Total: 1 % Indigenous: 0 % Non-Indigenous: 100	Property impacts - Ohamil camp neighbor complained that security sensor wires for the perimeter of the Ohamil camp were partially located on their property. Concern about damage to a 12m segment of fence at the perimeter of the property.	Trans Mountain will follow up on complaints received to confirm their relation to Project activity. Trans Mountain will work with stakeholders to resolve and address such complaints where practical. Trans Mountain conducted a site visit and determined that some security wire had been inadvertently located on the individual's property line. Trans Moutain relocated the wires, and the issue has been rectified. Trans Mountain is reviewing the concern about possible fence damage and assessing need for compensation for damages.		
	Feb-21	Total: 2 % Indigenous: 0 % Non-Indigenous: 100	Sensory - security-related lights (tower and patrol traffic) from Ohamil Camp shining into window of home.	Trans Mountain will follow up on light complaints received to confirm their relation to Project activity. Technician drove to the Ohamil Camp and ensured the light was turned off. Also, security night patrol route has been redirected to lessen the impact of security vehicle lights shining into the home.		
	Mar-21	Total: 0 % Indigenous: 0 % Non-Indigenous: 0	N/A	N/A		
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			
	Traffic (one individual)	Ohamil Camp neighbour complaint regarding traffic on Laidlaw Road.	Trans Mountain will continue to follow up on traffic-related concerns to confirm their relation to Project activity. Trans Mountain is approved to use Laidlaw Road through provincial Road Use Permit, has approved Traffic Control Plans, and has taken additional voluntary step of directing Contractors to restrict use of middle segment of Laidlaw Road when accessing the camp or stockpile site. In this instance, the driver had taken a wrong turn. Trans Mountain continues to reinforce the voluntary restricted use of segment of Laidlaw Road with Contractors and workers.		N	N/A
	Business impact (Indigenous group)	Parking lot of motor park disturbed by construction activity which impedes use by the business.	Trans Mountain is working directly with the business owner/Indigenous group to confirm timing and details of completion of construction activities in this location.		Y	Trans Mountain is working directly with the business owner/Indigenous group to confirm timing and details of completion of construction activities in this location. Trans Mountain committed to fencing and grass cover methods that meet the needs of the business.

13	<b>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</b> <b>Threshold for Action:</b> 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.				
	<b>Theme</b>	<b>Impact Overview</b>	<b>Trans Mountain Response</b>		
	Traditional Use, Cultural Sites	Two culturally modified trees impacted by construction	Trans Mountain follows the Traditional Land Use (TLU) 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. Trans Mountain acknowledged it should take more time to receive feedback and to accommodate inquiries about mitigation in the future. Additional engagement on the trees was facilitated. Based on the outcomes of engagement, the trees are being kept for repatriation to a local Indigenous group.	Y	Trans Mountain has enhanced its notification and communication process with Indigenous groups in relation to the implementation of the TLU and Heritage Resources Site Discovery Contingency Plans.

## 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 January 4 to March 27, 2021.
- 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 actual socio-economic impact topics related to TMEP construction activity. Socio-economic topics include: access limitations; road closures; business impacts; pressure on housing/accommodation; 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 (78) is approximately 34% of the average workers on site per day (231).