

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

October to December 2021



## 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-21	Nov-21	Dec-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	24	78	N/A	N/A	
	Workers on site per day (average)	671	906	826	791	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	20138	21744	19830	61712	100%	N/A	N/A
	a) Worker-days, Local or Regional residents	6507	4288	4884	15679	25%		
	b) Worker-days, Other (workers not Local or Regional residents)	13631	17456	14946	46033	75%		
	c) Indigenous	3452	4239	2493	10184	17%		
	d) Non-Indigenous	16686	17505	17337	51528	83%		
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	20138	21744	19830	61712	100%	N	N/A
	a) Worker-days, Local or Regional resident, residing at home	3453	1679	2183	7315	12%		
	b) Worker-days, not Local or Regional, not staying in TMEP camps (i.e., staying in local rental, hotel)	13395	16508	14093	43996	71%		
	c) Worker days, not Local or Regional resident, staying in TMEP camps	3290	3557	3554	10401	17%		
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	6420	5664	3752	15836	N/A	N	N/A
	b) Total value (\$)	\$ 2,393,592	\$ 2,922,229	\$ 687,869	\$ 6,003,690	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) January 2022	N/A			18037	N/A	N/A	N/A
	b) February 2022				18847	N/A		
	c) March 2022				19132	N/A		

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	% (where applicable)	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Oct-21	Nov-21	Dec-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	477	384	393	418	N/A	Y (see Note 1)	Pipeline Contractor has initiated worker transport strategies, using passenger vans and a bus to transport workers from the Ohamil camp to the Popkum yard, as well as to the field.
	End-month count	471	256	66	264	N/A		
	Average	474	320	230	341	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	558	524	584	555	N/A	N	N/A
	End-month count	547	536	269	451	N/A		
	Average	553	530	426.5	503	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	1	2	0	3	N/A	N	N/A
	i. urgent	0	0	0	0	N/A		
	ii. non-urgent	1	2	0	3	N/A		
	iii. occupational	0	0	0	0	N/A		
	iv. non-occupational	1	2	0	3	N/A		
	b) Total number of times a worker required ambulance or other emergency transport	1	0	0	1	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	43	36	19	98	N/A	Y	Camp contractor has confirmed on site medical services are adequate to support Project needs.
	a) occupational	0	0	5	5	N/A		
	b) non-occupational	43	36	14	93	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	1	0	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 During the Quarter		N/A	N/A		
	Oct-21	Total: 4 % Indigenous: 0 % Non-Indigenous: 100	Local Infrastructure and Services - Laidlaw resident concerned about issues with water well flow slowing down when Project-related work is taking place	Trans Mountain follows up on any landowner/resident complaints. In this instance, the concern was referred to the Lands department for followup with the individual.				
			Traffic - concern regarding Project related workers on Othello road upgrades	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. For example, Trans Mountain reimbursed the cost of repairing the tires. Ramp was inspected to confirm configuration in accordance with traffic control plan. Traffic sign was moved.				
			Traffic - concern that Jones Lake Road off ramp is dangerous.					
			Traffic - construction traffic sign blocking view.					
	Nov-21	Total: 2 % Indigenous: 0 % Non-Indigenous: 100	Traffic - Member of the public received two flat tires after running over a grate in the road as a result of a lane closure associated with the Highway 1 realignment project.					
			Worker conduct - Hope resident complained about inappropriate and aggressive behaviour exhibited by Project-related workers who rented accommodation	The Worker Code of Conduct specifies that all workers are ambassadors of the Project, and it is important that the people living in the vicinity of the Project are treated with respect and consideration during the Project construction time frame. Trans Mountain Security reached out for further information to investigate.				
	Dec-21	Total: 1 % Indigenous: 0 % Non-Indigenous: 100	Traffic - Laidlaw resident complained about trucks driving on Laidlaw Road					
	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			N	N/A
Worker Conduct (identified by Indigenous group staff)		Careless driving	Trans Mountain will continue to follow up on traffic-related concerns. Trans Mountain followed up on this particular complaint and it was determined that the incident in question was not at the camp nor any other Trans Mountain site and not known to be related to a Trans Mountain worker. Trans Mountain and the Indigenous group staff conducted a tour of the Ohamil camp community to view the facility and learn more about the management measures in place.					
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 26 - December 25, 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 (235) is approximately 30% of the average workers on site per day (791).