

**Trans Mountain Expansion Project**  
**Socio-Economic Monitoring Report - Coquihalla Hope Region**  
**July to September 2022**



**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.

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

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

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

**Project-Specific Indicators**

**Quantitative Indicators**

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	% (where applicable)	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Jul-22	Aug-22	Sep-22				
N/A	Total calendar days of construction site work during the reporting cycle	30	24	24	78	N/A	N/A	
	Workers on site per day (average)	1826	2371	2287	2135	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	54767	56897	54890	166554	100%	N/A	N/A
	a) Worker-days, Local or Regional residents	8719	9146	8084	25949	16%		
	b) Worker-days, Other (workers not Local or Regional residents)	46048	47751	46806	140605	84%		
	c) Indigenous	4130	4296	3717	12143	7%		
	d) Non-Indigenous	50637	52601	51173	154411	93%		
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	54767	56897	54890	166554	100%	N	N/A
	a) Worker-days, Local or Regional resident, residing at home	5107	5532	4995	15634	9%		
	b) Worker-days, not Local or Regional, not staying in TMEP camps (i.e., staying in local rental, hotel)	41876	36723	40458	119057	71%		
	c) Worker days, not Local or Regional resident, staying in TMEP camps	7784	14642	9437	31863	19%		
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	34047	29386	31349	94782	N/A	N	N/A
	b) Total value (\$)	\$ 7,651,679	\$ 7,897,989	\$ 7,635,209	\$ 23,184,877	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) October 2022	N/A			39963	N/A	N/A	N/A
	b) November 2022				34209	N/A		
	c) December 2022				26827	N/A		

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	% (where applicable)	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Jul-22	Aug-22	Sep-22				
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:</i> No minimum threshold. All incidents/accidents will be investigated.							
	Total	0	1	0	1	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:</i> Number, when calculated as a % of total workers on site (average during the month of the count) is less than 75%.							
	Mid-month count	989	1045	1173	1069	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	921	1022	1190	1044	N/A		
	Average	955	1034	1182	1057	N/A		
8	Personal vehicles in staging area per day (average) <i>Threshold for Action:</i> Number is 10% or more of AADT values at locations nearest to staging yards <b>and</b> qualitative feedback received about adverse traffic volume issues via indicators #11 and #12.							
	Mid-month count	619	725	768	704	N/A	N	N/A
	End-month count	587	711	772	690	N/A		
	Average	603	718	770	697	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:</i> Qualitative feedback from local health authority regarding capacity concerns.							
	a) Total number of times a worker was referred or sent to local health facilities	24	30	18	72	N/A	N	N/A
	i. urgent	14	16	3	33	N/A		
	ii. non-urgent	10	14	15	39	N/A		
	iii. occupational	3	2	7	12	N/A		
	iv. non-occupational	21	28	11	60	N/A		
	b) Total number of times a worker required ambulance or other emergency transport	5	3	0	8	N/A		
10	Number of medical visits to Project on-site medical facilities <i>Threshold for Action:</i> Number, when calculated as a percentage of average number of workers per month rises from the previous reporting cycle.							
	Total	37	106	42	185	N/A	N	N/A
	a) occupational	23	16	26	65	N/A		
	b) non-occupational	14	90	16	120	N/A		
14	Number of people affected by a notifiable disease in a work camp <i>Threshold for Action:</i> No minimum threshold; all notifiable diseases will be reported to the local health authority							
	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	<b>Qualitative feedback about Project use of local/regional commercial accommodation (e.g., hotels, motels, campgrounds)</b> <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	<b>Number and types of calls/complaints received through TMEP feedback line (about construction-related social impacts)</b> <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
	Jul-22	Total: 1 % Indigenous: 0 % Non-Indigenous: 100	Traffic/Driving - resident complained about speeding through neighbourhood	Trans Mountain will continue to follow up on any traffic-related concerns. Contractors have a Traffic Management Plan that addresses public protection measures, access roads/routes to the construction site and Traffic Control Plans for each work zone which consider potential impacts with mitigation. Trans Mountain follows with the contractor to ensure traffic-related requirements are being met. Each complaint is examined in order to provide additional information and/or appropriate follow-up.	
			Worker conduct - Project-related traffic flaggers exhibiting aggressive behaviour toward Hope resident	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. Complaints regarding worker conduct in the community are investigated internally to determine appropriate disciplinary action. In this instance, the Traffic Management team will be investigating.	
	Aug-22	Total: 6 % Indigenous: 0 % Non-Indigenous: 100	Sensory Disturbance - Project-related dust impacting RV park residents on Flood Hope Road; noise before 7am on Swallow Place in Hope; dust, noise and light coming from Laidlaw Stockpile Site	Trans Mountain will follow up on noise, dust and light complaints to confirm their relation to Project activity. Trans Mountain is working to ensure compliance with bylaws and requirements. Trans Mountain will work with stakeholders to resolve and address such complaints where practical. For example, regarding the noise complaints, crews will not be on site prior to 7 am. For the RV park dust, water trucks used at least twice per day on the road to mitigate dust.	
	Sep-22	Total: 2 % Indigenous: 0 % Non-Indigenous: 100	Access - member of public can not access gold claim due to construction	Trans Mountain will continue to follow up on any access-related concerns. Each complaint is examined in order to provide additional information and/or appropriate follow-up. In this instance, the lands team will investigate.	N/A

12	<b>Qualitative feedback themes about community concerns and experienced social effects</b> <i>Threshold for Action: Adverse socio-economic issue or concern from an appropriate government authority or service provider or community organization.</i>			
	<b>Theme</b>	<b>Impact Overview</b>	<b>Trans Mountain Response</b>	<b>If Threshold Triggered, Action Taken</b>
	Sensory Disturbance (Individual)	Hope resident complained about a portable toilet odour.	Trans Mountain will follow up on odour complaints to confirm their relation to Project activity. Trans Mountain is working to ensure compliance with bylaws and requirements. Trans Mountain will work with stakeholders to resolve and address such complaints where practical. In this instance, contractor confirmed the portable toilet was in good condition and the situation would be monitored.	N/A
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> <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 June 26 - August 27, 2022.
- 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 (1057) is approximately 49% of the average workers on site per day (2135).