

Trans Mountain Expansion Project
Socio-Economic Monitoring Report - BC Interior Region
 January to March 2022



Introduction

This report presents the quarterly socio-economic monitoring results for the BC Interior 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, BC Interior 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)

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	% <i>(where applicable)</i>	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Jan-22	Feb-22	Mar-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)	851	1026	1292	1040	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	25528	24630	30996	81154	100%	N/A	N/A
	a) Worker-days, Local or Regional residents	6942	6829	10748	24519	30%		
	b) Worker-days, Other (workers not Local or Regional residents)	18586	17801	20248	56635	70%		
	c) Indigenous	3551	3378	3750	10679	13%		
	d) Non-Indigenous	21977	21252	27246	70475	87%		
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	25528	24630	30996	81154	100%	N	N/A
	a) Worker-days, Local or Regional resident, residing at home	11256	9661	2384	23301	29%		
	b) Worker-days, not Local or Regional, not staying in TMEP camps (i.e., staying in local rental, hotel)	12826	12068	25462	50356	62%		
	c) Worker days, not Local or Regional resident, staying in TMEP camps	1446	2901	3150	7497	9%		
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	24984	21616	30431	77031	N/A	N	N/A
	b) Total value (\$)	\$ 4,022,201	\$ 3,787,826	\$ 5,322,961	\$ 13,132,988	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) April 2022	N/A			21657	N/A	N/A	N/A
	b) May 2022				20283	N/A		
	c) June 2022				24866	N/A		

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	%	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Jan-22	Feb-22	Mar-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	1	0	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	885	979	1005	956	N/A	N	N/A
	End-month count	963	953	814	910	N/A		
	Average	924	966	910	933	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 and qualitative feedback received about adverse traffic volume issues via indicators #11 and #12.							
	Mid-month count	421	487	556	488	N/A	N	N/A
	End-month count	454	565	442	487	N/A		
	Average	438	526	499	488	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	1	2	2	5	N/A	N	N/A
	i. urgent	1	1	1	3	N/A		
	ii. non-urgent	0	1	1	2	N/A		
	iii. occupational	0	1	1	2	N/A		
	iv. non-occupational	1	1	1	3	N/A		
	b) Total number of times a worker required ambulance or other emergency transport	0	1	0	1	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	934	219	162	1315	N/A	Y	Reflects the increased use of on site medical clinic at the Merritt camp community related to COVID supports. Contractors continuing to evaluate medical supports based on number of workers and risk level.
	a) occupational	5	2	9	16	N/A		
	b) non-occupational	929	217	153	1299	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	45	13	3	61	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			
	Jan-22	Total: 1 % Indigenous: 0 % Non-Indigenous: 0	Traffic - Project-related trucks speeding in Knutsford and damage to windshield from debris falling off of Project-related vehicle.	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.		
	Feb-22	Total: 1 % Indigenous: 0 % Non-Indigenous: 0				
	Mar-22	Total: 1 % 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			
	Traffic <i>(raised by Coldwater Indian Band)</i>	Potential impacts to residents from construction using roads	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.		Y	Trans Mountain will work with Coldwater Indian Band to develop a communication plan related to construction activity and establish a construction check-in process.
	Sensory Disturbance, Traffic <i>(raised by Lower Nicola Indian Band)</i>	Dust and vehicle speed control through the community.	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.		Y	Trans Mountain Contractor will implement dust control measures and install signage regarding speed control.
	Traffic <i>(raised by Lower Nicola Indian Band)</i>	Residents of Joeyaska IR No. 2 impacted by contractors parking on Sterling Road.	Trans Mountain reviewed the agreements with Lower Nicola Indian Band and confirmed Sterling Road was not an area where access had been requested by Trans Mountain. Trans Mountain will have signage placed indicating no parking in the areas identified in the complaint.		Y	No parking signage to be placed in the areas specified in the complaint.
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/A	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 Indigenous engagement records. Data reflects activity related to TMEP construction only. It is reflective of construction scope pursuant to CER Condition 13.
- 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 December 26, 2021 to March 26, 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.
- For the threshold analysis for Indicator 1, the estimate of non-local/regional workers estimated in the WAS finished in March 2021. Therefore, as of April 2021 the threshold analysis for Indicator 1 is N/A.
- Indicator 5 includes active Construction contractors only.
- 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/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.
- Indicator 5 includes active Construction contractors only.
- Data may be subject to revisions based on updates from Contractors or ongoing quality reviews.