

Trans Mountain Expansion Project Socio-Economic Monitoring Report - Yellowhead Region

July to September 2018 (Issue 3)



Introduction

This report presents the quarterly socio-economic monitoring results for the Yellowhead 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) accepted by the National Energy Board (NEB) pursuant to NEB Condition 13 (see link below to download). 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, Yellowhead Region for the regional context indicators that reflect the broader socio-economic conditions in which Project construction is occurring.

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

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

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Project-Specific Indicators

Quantitative Indicators

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Jul-18	Aug-18	Sep-18			
N/A	Total calendar days of construction work during the reporting cycle	24	26	35	85		N/A
	Workers on site per day (average)	3	52	39	33		
1	Number of worker-days in field (categorized in two ways: by geographic origin, and also by Indigenous v. non-Indigenous status) <i>Threshold for Action: Number of non-local/regional workers by region/spread is +/- 20% different than estimated in Worker Accommodation Strategy NEB Condition 59</i>						
	Total Worker-days	76	1340	1354	2769	Y	Indicator 5 (below) provides updated anticipated work force numbers (in worker days) in this region for the next business quarter. These numbers are made available through online posting of this Report as well as notification and distribution to municipal or regional government authorities and Indigenous groups.
	a) Worker-days, Local or Regional residents	6	21	254	281		
	b) Worker-days, Other (workers not Local or Regional residents)	70	1319	1100	2488		
	c) Indigenous	2	113	288	403		
	d) Non-Indigenous	74	1227	1064	2364		
2	Number of worker-days in field (categorized by accommodation arrangements of the workers) <i>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.</i>						
	Total Worker-days	76	1340	1354	2769	N	N/A
	a) Worker-days, Local or Regional resident, residing at home	6	21	254	281		
	b) Worker-days, not Local or Regional, not staying in TMEP camps (i.e., staying in local rental, hotel)	70	1318	1072	2459		
	c) Worker days, not Local or Regional resident, staying in TMEP camps	0	0	0	0		
3	Living out allowance or related stipend <i>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.</i>						
	a) Number of worker-days paid	43	1318	1069	2430	N	N/A
	b) Total value (\$)	\$ 6,450	\$ 224,610	\$ 179,990	\$ 411,050		
5	Number of worker-days, in field - anticipated in next business quarter <i>Threshold for Action: N/A - this is a forward indicator to assist stakeholders and Indigenous groups in community readiness.</i>						
	a) October 2018	N/A			249	N/A	N/A
	b) November 2018				0		
	c) December 2018				0		

SEEMP Indicator No.	Indicator	Monthly Total			Quarterly Count	Threshold Triggered? (Y/N)	If Threshold Triggered, Action Taken
		Jul-18	Aug-18	Sep-18			
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
	a) Number involving injuries	0	0	0	0		
	b) Number involving fatalities	0	0	0	0		
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	26	39	33	Y	As construction re-commences, Trans Mountain will collaborate with Contractors to ensure strategies are in place to reduce Project-related traffic.
	End-month count	0	19	10	15		
	Average	0	23	25	24		
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	0	8	13	11	N	N/A
	End-month count	0	19	7	13		
	Average	0	14	10	12		
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	0	1	N	N/A
	i. urgent	0	0	0	0		
	ii. non-urgent	0	1	0	1		
	iii. occupational	0	0	0	0		
	iv. non-occupational	0	1	0	1		
	b) Total number of times a worker required ambulance or other emergency transport	0	0	0	0		
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	0	0	N	N/A
	a) occupational	0	0	0	0		
	b) non-occupational	0	0	0	0		
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

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
	Jul-18	Total: 0	N/A		
		% Indigenous: 0			
		% Non Indigenous: 0			
	Aug-18	Total: 0			
		% Indigenous: 0			
		% Non Indigenous: 0			
	Sep-18	Total: 0			
		% Indigenous: 0			
		% Non Indigenous: 0			
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>				
	Feedback Theme	Trans Mountain Response	N	N/A	
	None	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.
- 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) NEB 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 7, the average workers transported from staging areas per day (24) is 73% of the average workers on site per day (33).
- For the threshold analysis for Indicator 8, the average number of personal vehicles in staging areas per day (12) is less than 0.2% of the known Annual Average Daily Traffic value (7890)
- Indicator 11 tallies feedback line calls/queries related to socio-economic impact topics in areas of current construction and related to 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 NEB Conditions (NEB Condition 107 - Aboriginal, Local and Regional Employment and Business Opportunity Monitoring Reports; and NEB Condition 58 - Training and Education Monitoring Reports).
- Totals may not add up precisely due to rounding. Subtotals for Indicator 2 do not add to the total, as some worker days apply to none of the subtotal categories (i.e., a non-local/regional worker residing at home).