

From: Glenda Steinley <email address removed>
Sent: June 19, 2016 6:38 PM
To: EGESA / UGHGA (EC)
Subject: Trans Mountain Expansion Project (TMX)

I consider Canada to be a very forward thinking Country. One with many experts and leading specialists in the Oil and Gas Industry whom are capable of ensuring projects will not only meet our imposed legislation as well as all concerns listed in the recommended conditions for this project by the NEB. Such as safety, environmental, etc. but will also surpass the challenges and set forth an example of how Canada can lead the world in developing these projects going forth. The world is and will be dependent on fossil fuels for many years to come and hence, pipelines will be essential to safely transport this commodity.

There is no sense in repeating what has already been presented in many reviews, platforms from various groups regarding the safety, emissions, environmental aspects. What is not mentioned but of huge importance is the financial aspect of this and similar projects. The message that we send not only to Canadians but also those involved in the Oil and Gas Industries and related by-products at home and around the globe must be one that has merit and shows common sense leadership. We have resources that need to be marketed not only here in Canada but also globally. We simply cannot turn off the cash flow from this industry and think it will be replaced quickly. The theory that other industries compliant with Canada's green projects will come forth and create the jobs, build the equipment, resources needed to move off fossil fuel is unproven. Canada's climate has too many challenges for these corporations to consider starting here. Easier to be innovative in places like Mexico, USA which is warmer and does not have approximately 6 months of frigid temperatures.

Canada is a vast, diverse country with a considerable small population for the land mass. We have additional challenges such as mountain terrains to cross, forests, large bodies of water, frozen tundra, etc., While we may be concerned with climate change, we are in no position to reduce the use of fossil fuels in the foreseeable future. None. Furthermore, we do not have the financial ability to make these changes. We have no influx of Corporations coming on board to invest in solar and wind energy that would ensure the speedy transition. While we have a few electric cars on the highways, it will be considerable time before we have sufficient vehicles capable of meeting the needs of Canadians in harsh climates such as ours. Furthermore, we still need to have the heavy duty vehicles converted. Our highways are cluttered with semis pulling loads, our ag equipment such as tractors, combines, sprayers etc., our trains and our shipping industry. It will be decades before we see innovated replacements for the big users of diesel, so to turn a blind eye and feel that we can quickly move off fossil fuel is not realistic. We can tax our selves to death, which will be less funds flowing into developing new products and ways to meet our climate change expectations. We can become a third world country with very cold, vast and harsh conditions very quickly while the rest of the world continues to grow at our expense.

Therefore, I urge government at all levels and stakeholders to consider the reality of the situation, the immediate needs of Canadians as well as the long term goals to ensure that the transition off fossil fuels to more green energy is realistic, affordable and attainable.

Respectfully,

Glenda Steinley

We will simply freeze and/or starve to death if we get this wrong!

May 19, 2016 — Environment and Climate Change Canada today published the [draft Review of Related Upstream Greenhouse Gas Emissions Estimates](#) for the Trans Mountain Expansion Project (TMX). The document provides an estimation of the greenhouse gas (GHG) emissions released as a result of upstream production associated with the proposed Trans Mountain Pipeline Expansion Project, and an overall discussion of the project's potential impact on GHG emissions.

The TMX is a proposal to expand the existing Trans Mountain pipeline system between Edmonton, AB and Burnaby, BC. It would include approximately 987 km of new pipeline, new and modified facilities, such as pump stations and tanks, and the reactivation of 193 km of existing pipeline. The National Energy Board (NEB) has conducted an environmental assessment of the project and [its report](#), which has also been released today, describes the NEB's conclusions and provides a list of recommended conditions that would apply to the project, should it be approved.

This draft Review of Related Upstream Greenhouse Gas Emissions Estimates is an example of an upstreamGHG assessment using [Environment and Climate Change Canada's proposed methodology](#) published on March 19, 2016, for estimating the upstream GHG emissions associated with oil and gas projects undergoing federal environmental assessments.