

Hearing Order OH-001-2014

Trans Mountain Pipeline ULC (Trans Mountain)

Application for the Trans Mountain Expansion Project (Project)

Written evidence

Name of Intervenor: Calvin Taplay

1. I am an intervenor who is directly affected by this project due to my property's proximity to the proposed alternative corridor from the Burnaby Terminal to the Westridge Marine Terminal. This property is at the western base of Burnaby Mountain and is exposed to potential threats of a pipeline rupture along Burnaby Mountain Parkway and Hastings Street. Such a pipeline rupture would affect the property due to its low elevation relative to Burnaby Mountain Parkway and Hastings Street.
2. A pipeline rupture would expose myself and my neighbours to large amounts of carcinogenic fumes from any diluted bitumen spill over several hours of exposure. Diluted bitumen is an especially dangerous substance to be introducing in to a densely populated residential neighbourhood.
3. Despite what has been claimed by Trans Mountain Pipeline ULC that it has been safely operating its current pipeline system since the 1950s, the company has not fully acknowledged the urban development which has transformed this neighbourhood and city over the past 60 years from what was originally a less developed forested area. These changes make this project unsuitable for the city's present existence as well as for the large scale demographic increases that will occur over the next 20 years. This project comes in direct conflict with demographic increases and urban densification which will lead to increasing levels of public safety issues. I have witnessed directly the result of a

Trans Mountain pipeline rupture in 2007 on Inlet Drive which exposed thousands of residents to toxic fumes including my toddler at that time.

4. Trans Mountain Pipeline ULC refuses to release an unredacted emergency response plan making it difficult to test whether it has adequately taken all potential events in to consideration.
5. I am a frequent user of the recreational areas surrounding the Westridge Marine Terminal including a user of Barnet Marine Park, Cates Park, and Belcarra Regional Park where I take my family. Either a land based spill or a spill directly in the Burrard Inlet would potentially impact all of these surrounding parks making them unusable as well as decimating the surrounding ecosystem. These parks serve the local community but also draw international visitors.
6. My family participates in programming at Simon Fraser University as well as frequently using Burnaby Mountain Park located on the west side of Burnaby Mountain. A potential fire from an expanded Burnaby Terminal Tank Farm could spread to the north and east side of this terminal and rapidly expand to the surrounding forests. This would cut off access to both Gagliardi Way located to the north east of the tank farm as well as Burnaby Mountain Parkway. This would block off access for emergency responders trying to proceed to Simon Fraser University therefore exposing students and residents to harm. These two roadways are the only two ways off of the mountain.
7. The Trans Mountain Pipeline Expansion Project is a liability to the City of Burnaby and its citizens where significant infrastructure will need to be supplied to address emergency response which would not be required if this project was rejected.
8. As it relates to the Burnaby Terminal to Westridge Marine Terminal delivery pipelines alternative corridor, Trans Mountain Pipeline has not provided sufficient emergency access to residences along this corridor during its proposed construction phase in case of either fire or ambulance service.

9. The construction would cut off access to the fire lane servicing my townhouse complex exposing 72 units to potential danger in terms of response for either ambulances, fire trucks or other first responders.
10. The proposed alternative corridor would also result in large permanent clear cuts in conservation areas on Burnaby Mountain and the west side of Inlet Drive as well as the adjacent Westridge public park. This affects both the quality of life for residents in this neighbourhood as well as the valuable ecological services that these trees provide in an urban context.
11. As an intervenor who is directly affected by its outcome, I oppose the Trans Mountain Pipeline Expansion Project application as it does not adequately address Canada's public interest either in terms of public safety or the economic or environmental impacts it will have on Canada's west coast.