

May 14, 2018

File: 2720-15C

Hemmera
18th Floor, 4730 Kingsway
Burnaby, BC
V5H 0C6

Attention: Ashley Ahrens

Dear Ashley:

**Re: BHP Potash Export Facility Project
Potential Noise Impacts of Notional Internal Overpass**

We understand that a notional internal overpass is being considered as a potential mitigation option for the proposed BHP Potash Export Facility. If constructed, this overpass would improve access to businesses on Gunderson Road and Alaska Way when trains are at the BHP site.

BKL has previously undertaken a noise assessment of the BHP project, but our report did not consider the re-routing of traffic accessing Gunderson Road and Alaska Way. The Vancouver Fraser Port Authority (the Port) has requested an opinion on how the inclusion of a notional internal overpass could affect noise levels experienced by the adjacent communities after the project is constructed, assuming that traffic volumes remain the same.

The potential changes in noise due to the proposed notional internal overpass include the following:

- The removal of the at-grade rail crossing at Robson Road near Elevator Road would eliminate the need for whistling at this location;
- The removal of the aforementioned at-grade rail crossing would also eliminate idling vehicles at this location;
- The increased set back distance between the internal road and the Surrey residential receivers would reduce Robson Road traffic noise levels at these receivers; and
- The increased road gradient for vehicles driving onto the overpass would increase vehicle noise emissions at the overpass.

Based on the above, it is our opinion that the use of the notional internal overpass is unlikely to negatively impact noise levels experienced by the adjacent communities.

We trust this information is satisfactory at this time. Please contact us if any further information is required.

Sincerely,

BKL Consultants Ltd.

per:



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