



CN Environment: Pacific and
Alberta Divisions

CN Yard Office, 2nd Floor
1108 Industrial Way
Prince George BC V2N 5S1

Laurie Gallant, Director
BVLD Airshed Management Society

August 26, 2006

Dear Laurie,

Here are the responses to the questions put forth by your members. Unfortunately, the level of data analysis requested pertaining to emissions is more specific than the industry monitors. Consequently, my responses reflect this lack of information.

- Currently there is an average of six trains a day through your airshed. The expansion of the Prince Rupert Terminal is expected to add an extra train a day, in each direction, between Endako and Kitwanga.
- CN calculates diesel emissions per gross tonne mile for Canada. This value is reported to the RAC (Railway Association of Canada) as part of the Emissions Monitoring Program. CN does not have any calculations of diesel emissions at the regional level or how they affect ambient air quality. Information on locomotive emissions can be found at the CN and RAC websites: www.cn.ca -click the *About CN* tab and then the *Environment* header. The RAC URL is <http://www.railcan.ca/>
- CN purchases its locomotives from two companies: EMD (Electro-Motive Diesel) and GE (General Electric). I would suggest visiting the websites of these two companies for more detailed information of the diesel emissions reduction technologies installed in their respective locomotives. There is also some information on CN's webpage (use the

linkage described above). I think the number of new locomotives purchased this year is closer to 60. However, I do not know how many of them will be in service on the section of track that runs through your airshed.

- The loss of coal to the atmosphere is negligible. In addition, processes are in place at the mines including contouring the surface of the loaded car to reduce drag, and application of a dust suppressant. Consequently, there is no significant effect on ambient air quality. The dust suppression technique used is a latex-binding agent and its overall effectiveness has been favourable.

Please do not hesitate to call me if you require clarification or additional information. If the information is available, I will do my best to provide it for the BVL D Airshed Management Society.

Regards,

David Brogliatto

Environmental Field Officer

(250) 561.4001 (office)

(250) 640.0416 (cell)