

Our Ref: 57552-1 / 050811L\_CVM\_TJH MP

19 September 2005

Peter Buchanan  
Thiess John Holland Pty Ltd  
68 Ricketts Rd  
PO Box 322  
Mt Waverley  
VIC 3149

Dear Mr Buchanan

**EASTLINK: TUNNEL VENTILATION SYSTEM – WAA, AIR QUALITY MODELLING PROPOSAL**

Thank you for the Air Quality Modelling Proposal (ref: Air Noise Environment Pty Ltd, 1160Final08.doc) dated 22 June 2005 requesting EPA approval for the use of CALPUFF for emission modelling of the Eastlink Tunnel Ventilation System. I confirm that, pursuant to Schedule C, Part A of the State Environment Protection Policy (Air Quality Management), EPA approves the use of a non-regulatory model as outlined in the modelling proposal. This approval is subject to the use of the model in accordance with your air quality modelling proposal, the conditions and disclaimers outlined below.

Approval is given on condition that the following aspects are addressed in the Works Approval Application (WAA):

- The air quality receptors used in the analysis must be clearly identified;
- Presentation of results of the combined stack and road is to include a discussion on the uncertainty of the roads modelling, with particular consideration of the terrain effects and how this may impact the overall modelling results;
- The modelling proposal refers to "goals" where it is "criteria" that are being referred to (Section 2) and must be appropriately defined in the WAA.

In providing the approval for the use of a non-regulatory model as outlined in the modelling proposal, the following comments are made:

- EPA acknowledges the uncertainty associated with the modelling of line source emissions (in this case the roadway) outside the tunnel,

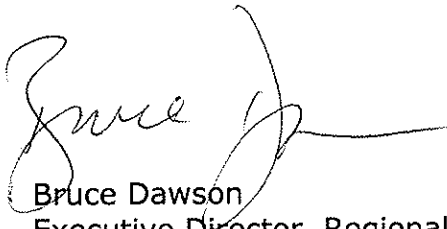


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particularly within this complex terrain. Approval is given based on the methodology proposed, however inputs to the model and the associated interpretation used in the WAA will be further assessed by EPA;

- SEPP (AQM) Schedule C, Part B. 2(a), (iv), states that proponent must use a meteorological data file in model simulations which is approved by the authority. EPA approves of the methodology that has been put forward in terms of the configuration of a met dataset, however the met dataset used in the modelling will be subject to verification.

Yours sincerely

A handwritten signature in black ink, appearing to read "Bruce Dawson", with a long horizontal flourish extending to the right.

Bruce Dawson  
Executive Director, Regional Services