

From: [Wilson Alan \(CPD\)](#)
To: [Wildridge Gary](#)
Subject: Tunnel Cleaning Train Air Speed
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Gary,

Further to our discussions on the Tunnel Cleaning Train, and the possibility of it disturbing asbestos, I have found some new information.

The Cooling The Tube (CTT) programme have performed some studies into air flow and found that as a train passes through a "deep tube" section tunnel it produces an air flow rate of up to 80 metres cubed per second. I have spoken to our Tunnel Cleaning Train supplier, and their peak air flow rate will be a suction of 15 metres cubed per second. The forced air to disturb the dust will run at 0.35 metres cubed per second.





Clearly a more detailed safety analysis will be required, but it seems to me that if we run every day with the risk of asbestos being disturbed by the very large air flows caused by trains then there could be a case made to show that the TCT will also be acceptable?

Do you think that is valid reasoning?

Best regards

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