

d) The background air quality being based on air quality at Lindfield and Prospect and the lack of any actual data on PM2.5.

390

8. I am concerned that a full and transparent options assessment process was not undertaken to assess alternatives designs for the project. Unlike other tunnel projects in Sydney there are alternatives for locating the stack and portal in non-residential areas.
9. I am concerned that the justification for not providing filtration for the stacks is cursory and unconvincing.

To address my concerns I request that the following actions are undertaken:

- 1 The air quality and human health impact assessment need to be revised to address the issues raised above.
- 2 An independent options assessment process should be undertaken to assess alternative locations for the ventilation stack and portals.
- 3 To undertake a Life Cycle Analysis and assessment for the provision of filtration.
- 4 A long-term health study on children and residents in areas impacted by stack discharges be included as part of the conditions of approval.
- 5 A comprehensive air quality monitoring program is developed and implemented.
- 6 An independent review of the ventilation system is undertaken to ensure that NorthConnex's claim of no portal emissions is justified.
- 7 Portal emissions from NorthConnex in the future are banned.
- 8 The Submissions Report/Preferred Project be exhibited to allow the community to respond to the revised information contained in the report.
- 9 The Department does not approve the project in its current form as it clearly does not meet the principles of Ecologically Sustainable Development as required by the Environmental Planning and Assessment Act.

NAME: Peter Colyer
ADDRESS 20 Kintore St Wahroonga 2076

SIGNATURE:



DATE 8/9/2014