

Jing Yang
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Wahroonga
NSW 2076

Director – Infrastructure Projects
Department of Planning and Environment
Number: SSI 13_6136
Major Projects Assessment
GPO Box 39
SYDNEY NSW 2001

8th September 2014

Dear Sir or Madam

Re: Objection to the NorthConnex Project, Application Number: SSI 13_6136

I strongly object to the project as described in the EIS.

I am very concerned that the EIS are based on false assumptions, or assumptions which produce favourable results for the project to go ahead, rather than being a truly independent assessment of air quality which addresses risks of users of the tunnel and concerns of people living close to the tunnel.

The EIS has many unanswered questions which are listed not limited to the follows:

- Why does the EIS only model from opening to 10 years? Why not 30 years?
- The tunnel is built for 3 lanes. Why is the EIS modelling for 2 lanes?
- Has the EIS taken into account of the already polluted incoming air quality at Pennant Hills?
- Why ultra-fine particles are not measured despite they could be potentially the most dangerous?
- The closest monitoring station is 10km away from the Northern Stack at Lindfield. Why the local background data is not monitored?
- How can a tunnel without filtration reduce the surface road pollution by 38% on the one hand, and on the other hand, only cause negligible impact on the local air quality around the ventilation stacks?
- The tunnel will be the compulsory route for trucks. NorthConnex is going to be the longest tunnel in Australia with a high concentration of trucks. It appears that in tunnel air quality is purely dependent on the jet fans. How effective are jet fans when there is a fire?
- Although ventilation fans will try to push a lot of the air up the vent stacks, the trucks rushing through the tunnel will also be pushing some air pollution where the tunnel exits. How can NorthConnex ensure there is no portal pollution?

- The Northern ventilation stack is only 25 metre high. How effective is it in terms of dispersion? Has the morning fog, valley terrain and wind condition been considered?
- Wahroonga is home to 9,300 school children, as well as multiple aged care facilities, hospitals. The impact on sensitive population has not been addressed.

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

1. Due to the significant health concerns of the current project design, I request the Department of Planning does not approve the project in its current form.
2. I also request that alternative transport options to ease congestion on Pennant Hills Road be considered such as an orbital surface route.

Kind regards

A handwritten signature in black ink, appearing to read 'Jing Yang', with a stylized, cursive script.

Jing Yang