

PCU55646

Department Planning and Environment  
 Application No. SS113 6136  
 Major Projects Assessment  
 GPO Box 39  
 SYDNEY NSW 2001

ATTENTION: Assessing Officer  
 Re: North Connex M1-M2 Tunnel Project

Dear Sir/Madam

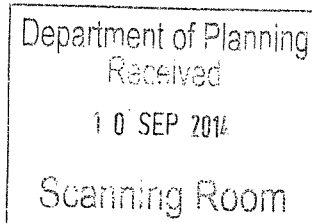
Please find below our submission in response to the exhibition of the EIS for North Connex.

We would like to object to the project as described in the EIS.

The above project will degrade the residential area of Wahroonga, leading to chronic health issues for present and future generations.

I have reservations about the ventilation stack's capacity, with or without filtration, to handle tunnel emissions. The emissions from this facility will be dispersed over an area covered by a 2 kilometre radius from the stack. This area covers many schools, special schools, pre-schools and aged care facilities. The World Health Organisation states there is no safe level of small particle emission. I feel the effect of small particle emission (PM) is commensurate with the effects of asbestos and nuclear radiation. If the project gains approval:

1. Will measures be taken to control silica released during excavation?
2. Will local emergency services be adequate to manage fire, accidents and explosions in the tunnels?
3. Will the electric power used in the project be from renewable sources, if not, how much pollutant will come from fossil fuel generated power; would radiation be part of that emission?
4. What impact would occur in the event of a climate inversion?
5. Will there be an aircraft exclusion zone around the ventilation stacks?
6. Allowing cyclists to use motorways: It appears there is no consideration for their safety and health.
7. Care should be taken to maintain the ecological viability of Spring Gully Creek (Cockle Creek as it is a watercourse which drains off part of Wahroonga.
8. Will the proposed five storey (92 Units adjacent to the northern portal) affect the function of the tunnel?
9. The proposed siting of the northern portals and ventilation facility will de-value nearby properties by 25 percent, for which there appears to be no compensation.
10. Moving the northern portals and ventilation facility 750 metres north to an industrial area would produce a zero tunnel gradient, and hence lower tunnel emissions.
11. As a safeguard to the health of the community, permanent monitoring of emissions from the portals and ventilation stacks should be in place.



12. Also, outside air should be admitted to the tunnels at peak hours and at times of high tunnel emissions.

13. I feel a more viable and longterm solution should be investigated.

Name: G.R. and M.B. LAURIDSEN

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WAHROONGA 2076

Signature:

G.R. and M.B. Lauridsen.

*G. Lauridsen*  
*M. Lauridsen*  
*6-9-14*