



Mr Glen Snow
Team Leader Roads
NSW Department of Planning & Environment
23-33 Bridge Street, Sydney, NSW 2000
GPO Box 39
Sydney NSW 2001

Dear Mr Snow

WestConnex M4 Widening (SS1-6148) Notice of Exhibition

Thank you for the Department's letter of 12 August 2014 inviting comments on the Environmental Impact Statement (EIS) and seeking advice on recommended conditions of approval for the proposed WestConnex M4, Widening.

The Western Sydney Local Health District, Centre for Population Health has reviewed the documents and provides the following comments:

Air Quality

Although the conclusions of the M4 WestConnex Air Quality Assessment study is that once complete the M4 widening will be unlikely to result in any discernible effects on regional air quality it is also noted that modelling has shown a small increase in pollutants at some local sensitive receptor sites including some increase in pollutants at sites along Parramatta Road.

A range of dust control measures to be implemented during construction are proposed to effectively control dust. It is recommended that all feasible and reasonable measures to minimise the exposure of those negatively impacted should be considered.

Monitoring would allow for the assessment of the effectiveness of mitigation measures and modification of controls if required.

Recommendations:

- That monitoring of dust, including PM₁₀ and PM_{2.5}, generated at stockpile locations and near to sensitive receptors along the 7.5 km section of the M4 Widening during the construction stage should be implemented.
- That a system to enable residents and/or road users to register complaints about air quality or other impacts during the construction stage should also be provided and appropriate responses should be taken and recorded.

Noise Impacts

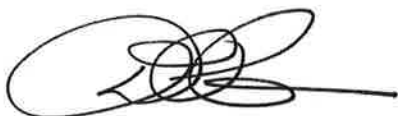
There is increasing evidence internationally that environmental noise exposure is a risk to public health, and is recognised by international bodies such as World Health Organisation (WHO) and the US Centre for Disease Control (CDC). There is some suggestion of the long-term effects of environmental exposure to noise on annoyance, sleep disturbance, children's performance at school, hypertension and ischemic heart disease.¹

Recommendations

- That noise impacts during both construction and operation on sensitive receptors are reduced as far as is feasible.
- That a system to enable residents and/or road users to register complaints about noise or vibration impacts during the construction stage should be provided and appropriate responses should be taken and recorded.

Thank you for the opportunity to comment on the Westconnex M4 Widening project. Should you require any further information, please contact Dr Stephen Corbett, Director, Centre for Population Health on 9840 3603.

Yours sincerely



Danny O'Connor
Chief Executive

Date: 17/09/2014

¹ Carroll, A. for the EnHealth Council. The health effects of environmental noise – other than hearing loss. EnHealth Population Health Division, Australian Department of Health and Ageing 2004