

H19/138280

Ms Belinda Scott
Department of Planning, Industry and Environment
GPO Box 39
SYDNEY NSW 2001

Dear Ms Scott

RE: Sydney Gateway Road Project Environmental Impact Statement (SSI-9737)

Thank you for the opportunity to comment on the Environmental Impact Statement (EIS) for the Sydney Gateway Road Project (SSI-9737). NSW Health makes the following submission for your consideration.

NSW Health has focused its response to matters directly related to health. The main issues identified by NSW Health with potential health impacts are noise, air quality and odour.

The comments provided are contingent on confirmation by the NSW Environment Protection Agency (EPA) that the methods and modelling employed to assess environmental impacts are appropriate.

Operational Noise Impacts

There is emerging evidence of the health impacts of environmental noise. The evidence is strongest for impacts on cardiovascular disease and sleep disturbance. Measures to limit community exposure to noise are therefore important to protect public health.

Noise modelling in the EIS identified a total of 246 buildings with 359 floors that may be noise affected by road traffic above the relevant guideline levels once this road is operational.

Noise impacts are expected to be greatest in the area of Tempe north of the former Tempe landfill, particularly the south-east section which will be closest to the new roadway.

Road traffic noise exceedances are also expected for residences, commercial and industrial building occupants, schools, child care, places of worship and hotels north and west of the Princess Highway across from the future St Peters Interchange (in NCA01). It is important that all reasonable and feasible measures are taken to reduce the impact of operational noise on these identified premises, particularly night time noise which would result in sleep disturbance.

Construction Noise Impacts

The area north of the former Tempe landfill (NCA03) will also be the area most impacted by construction noise exceedances, albeit to a lesser extent and for much shorter durations than during the road's operation. It is recommended that all reasonable and feasible noise mitigation measure are considered for the properties in this area during construction.

The community of St Peters to the north and west of the future St Peters interchange (including St Peters Public School and St Peters Community Preschool) have experienced significant impacts from the WestConnex Project over a number of years.

Air Quality Impacts

Dust generated during construction is a potential source of local air pollution. The project footprint has relatively few areas which are very close to sensitive receivers, and NSW Health understands that standard dust suppression measures will be applied throughout the project. All reasonable and feasible measures should be taken to minimise exposure to dust emissions for local residents during the construction phase.

Odour

The project will include construction activities on the former Tempe landfill site and the former landfill site underneath the current Sydney Airport North Lands Car Park. There is a possibility that this activity will release odours, which could affect a significant residential area of Tempe located nearby to the north. Odour management plans and mitigation strategies should be considered to address odour related impacts.

Other issues and minor edits are listed in the attached appendix A.

Should you require any further information please contact Kishen Lachireddy, Manager, Surveillance and Risk Unit, Health Protection NSW on 9424 5999.

Yours sincerely



Dr Kerry Chant PSM
Chief Health Officer and Deputy Secretary
Population and Public Health

21/1/20

Appendix A – Other issues and minor edits

Page number/ Document/Section	Report Comment	Comments
P4-2/HHRA/ Community Receptors	States "...17 representative individual receptors, comprising hospital, childcare facilities, schools and aged care facilities have been identified..."	Hospitals and aged care facilities should be removed from this sentence, as all 17 of the 'representative community receptors' are either schools or child care centres.
P 6-40/HHRA/first dot point	"....A number of the calculated localised risks as shown in Figure 6.4....."	It appears that this sentence actually refers to Figure 6.6, and if so requires correcting.
P 6-43/HHRA/start of first paragraph	"....presented above, as shown on Figure 6.6..."	It appears that this sentence actually refers to Figure 6.7, and if so requires correcting.
P 7-8/HHRA/Figure 7.3		NCA03 is not labelled in this figure, as it is noise affected area we recommend it is labelled here.
P 7-18/HHRA/Mitigation/under dot point 'Noise Barriers', sub dot points 2 and 3		The 2 nd dot point should be NCA03 rather than NCA02. The 3 rd dot point should be NCA08 rather than NCA03.