

Submission  
No 241

## INQUIRY INTO IMPACT OF THE WESTCONNEX PROJECT

**Name:** Ms Jenny Seymour

**Date Received:** 30 August 2018

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Dear Sir/Madam,

1. We oppose the sale of WestConnex without a definitive and publicly exhibited design for the Rozelle interchange.
2. There is no inclusion of public transport via trains included in the tunnel design which could move a lot more passengers than cars.
3. A new EIS publicly exhibited for the design of a buildable and affordable Rozelle Interchange is required. SMC failed to find a construction company prepared to build what was proposed for the Rozelle Interchange in the Stage 3 EIS due to its huge complication. This interchange has now been handed back to RMS who have short listed Lend Lease and SCS to construct the interchange which will be subject to considerable alterations and simplifications from the original design none of which the public have been informed or consulted about.
4. 400,000 cubic meters of toxic sludge are to be extracted from the harbour for the construction of the Western Harbour Tunnel. This will seriously jeopardise the marine environment and the health of the harbour from potentially resulting toxic plumes. This sludge is to be remediated on shore at White Bay which will impose unacceptable health risks to residents in the surrounding areas from air born toxic pollutants.
5. Major Concern that the construction of the Rozelle Intersection and the Western Harbour Tunnel will lead to substantial property damage due to subsidence in these areas. These are heritage areas with the vast majority of houses built on 19<sup>th</sup> Century foundations which will be totally unable to withstand the level of subsidence shown on WestConnex's predicted subsidence maps for these areas.
6. It is commonly accepted internationally that tunnels over 3kms in length require transverse ventilation as opposed to longitudinal ventilation which is considered inadequate. Tunnels longer than 3kms using longitudinal ventilation can easily produce toxic air pollution readings of 50 times the World Health Organisation recommended limit.
7. There is no safe level of Air Pollution PM10 and PM2.5 particles, World Health Org. Approximately 40 PM2.5 particles are equivalent to the thickness of a human hair. They can pass through the lung walls into the blood stream and to the brain. They lead to substantial increases of death from Stroke, Heart Attack, Cancer and Respiratory disease. The most vulnerable are the elderly, the *very* young and the unborn. Filtration of tunnels is essential.
8. The report from the enquiry into the Lane Cove Tunnel in 2006 recommended that future road tunnel projects include within the call for tenders a requirement tenderers to design and cost in-tunnel filtration as a component of the ventilation system. This recommendation appears to have been ignored.

Regards,

Jenny Seymour