

Kate MacDonald - SSD 5894 - Barangaroo Remediation Works - Block 4

From: Russell Hand [REDACTED]
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Date: 1/20/2014 11:14 AM
Subject: SSD 5894 - Barangaroo Remediation Works - Block 4
CC: David McNamara [REDACTED]

Hi Kate,

Please find below commentary from the City's Health and Building Unit regarding the Barangaroo remediation application.

It is considered that noise from excavation and odour from the proposed excavation and ex-situ remediation are the activities that are likely to impact City of Sydney residents.

Air Quality Impact Assessment (AQIA).

Upon perusal of the EPA comments and the Air Quality Impact Assessment (AQIA), the following issues are raised as a result of the proposal.

- 1. It is unclear as to the exact location and the actual number of OCSs to be installed. It is considered that the AQIA cannot be relied upon whilst the emissions from OCSs are not quantified and the exact location is not identified. The location of the soil treatment area in Figure 3 of the AQIA is not considered ideal with respect to the sensitive receivers, which includes a child-care facility.*
- 2. It is unclear as to the height of the ventilation stacks for the OCSs and how these relate to the up-gradient sensitive receivers, including residents on Hickson Road. It is suggested that cross-sectional diagrams could demonstrate proposed plumes from predominant air movement/ wind at the site.*

These issues and issues raised through the EPA document should be addressed through an amended AQIA.

Health and Building is particularly concerned about (noise and) fugitive air emissions and odour affecting the Childcare Centre which is located nearby. Dust bound to chemical oxidisers and contaminants is likely to fall-out within the boundary of the childcare centre.

Construction Noise and Vibration

Health and Building concurs with the advice from the EPA in the review document in that:

- Construction noise levels are in exceedance of criteria for the site. The EPA document talks about a 9dB exceedance at the childcare centre. Subsequently, a revised CNVMP should be prepared for the site, along with appropriate management techniques.*
- Construction hours at the site exceed City of Sydney's normal construction hours in the area. A much reduced level of construction noise should only occur for works that extend outside of these hours. It is considered that this can also be addressed within a revised CNVMP.*

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