

18 July 2013

Shane McLoughlin
Lend Lease
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30 Hickson Road
Millers Point
NSW 2000

Dear Shane

Barangaroo South - Concept Plan Amendment MP06_162 MOD7

This letter was prepared by AECOM for Lend Lease Millers Point Pty Ltd to support the S75W application Mod 7 for the Barangaroo Concept Plan. AECOM has reviewed and assessed the relevant documentation prepared in respect of the S75W Concept Plan modification 7 submission, which seeks approval for the operation of an onsite concrete batching plant throughout the construction process.

AECOM (2012)¹ prepared a cumulative assessment for the Barangaroo development, which estimated the impacts associated with the concurrent construction of five main Barangaroo buildings (C3, C4, C5, R8 and R9) and the operation of a concrete batching plant. The dispersion modelling undertaken for that assessment predicted exceedences of the Environment Protection Authority's 24 hour PM₁₀ and 1 hour and annual NO₂ ambient criteria, with the concrete batching plant identified as the primary source of particulate emissions.

As described in the Environmental Impact Statement for the Concrete Batching Plant (JBA, 2013²), Lend Lease has agreed to modify its existing air quality monitoring network and its proposed operational procedures for the concrete batching plant to ensure the site emissions are mitigated to an appropriate level and that adverse impacts (i.e. exceedences of ambient air quality criteria) do not occur at sensitive receptor locations as a result of site operations. This will occur through the use of a reactive dust mitigation system which is directly linked to real-time warnings and work procedures to ensure that action is taken to reduce dust levels when they are elevated and at risk of causing adverse air quality impacts.

Lend Lease has demonstrated that it can undertake significant materials handling activities with substantial plant and equipment numbers on site without exceeding the relevant air quality criteria through this reactive management and monitoring system. As such, provided the commitments made in JBA (2013) (and recommended in AECOM, 2012) are properly implemented, adverse effects on local air quality are not expected to occur as a result of the proposed concept plan amendment.

On this basis, AECOM is of the opinion that the proposed Concept Plan Mod 7 amendments do not require any additional supporting information, analysis or commentary in relation to potential air quality impacts at this stage of the design.

Yours sincerely

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¹ AECOM. Air Quality Impact Assessment – Barangaroo Stage 1A Cumulative Construction Assessment, 19 November 2012.

² JBA. State Significant Development Environmental Impact Statement – Barangaroo South, Temporary Concrete Batching Plant (SSD 13_5697)