



WorleyParsons

resources & energy

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31 August 2012

Ref: 301015-02234-S75W 130905
File: 301015-02234

Lend Lease (Millers Point) Pty Limited
Level 4, 30 The Bond
30 Hickson Road
Millers Point NSW 2000

Attention Mr Shane McLoughlin

Dear Shane,

BARANGAROO SOUTH SECTION 75W - CONCRETE BATCH PLANT, SOIL AND WATER MANAGEMENT PLAN

1. INTRODUCTION

This letter has been prepared by WorleyParsons in response to a letter received by the Department of Planning and Infrastructure, dated 28 August 2012. The letter has requested additional information following a Section 75W submission to the Department in March 2012 seeking the Ministers approval for modifications made pursuant to of the Environmental Planning and Assessment Act 1979 in respect to MP10_0023. The S75W submission was for the onsite production of pre-mixed concrete through the use of a concrete batch plant located within Barangaroo.

The Department has requested additional information to ensure all potential environmental impacts of the concrete batching plant are comprehensively addressed. This letter has been prepared to specifically address queries in relation to soil and water management (As per DGR 5 of the Departments letter, 28 August 2012) across the concrete batch plant site during its erection and operation.

The Department have requested the following:

- Relevant Sediment control measures for the establishment and operation of the plant
- Stormwater management plan for the plant and site; and
- Details of any waste water disposal.

In addition to the above, the Department has requested clarification with regards to potential impacts the concrete batch plant may have on existing overland flow paths across the Barangaroo site.



2. SOIL AND WATER MANAGEMENT PLAN

A Soil and Water Management Plan for the concrete batch plant had been prepared by Boral, dated 31 August 2012 (Attached). The key features of the soil and water management plan include the following:

- Minimising the quantity of stormwater runoff and managing the containment and use of cementitious water from the site with the implementation of temporary bunding, a first flush system, water reuse strategy and sediment & settling ponds.
- Ensuring that sufficient "first flush" capacity is maintained at all times (equivalent to 20 mm of runoff across concrete batch site) in preparation for a rainfall event.
- Clean water diversion bunds along the upslope boundaries of the concrete batch plant to eliminate the potential of contaminating clean external stormwater runoff generated across the Barangaroo site.
- Reducing the use of town water by promoting the use of recycled water in the plant process. With the implementation of this re-use strategy, all waste water generated across the site will be reused, eliminating the need for any waste water discharge off site or into downstream waterways.

Given the location of the proposed concrete batch plant, it is unlikely that there will be any significant impacts on existing overland flow paths that traverse across the Barangaroo site. As a result, there will be no need any diversions of any overland flow paths. It is also noted that the location of the concrete batch plant will have no impact on existing or approved works across the Barangaroo development.

We trust that this letter addressed the soil and water management queries raised by the Department. If you have any further enquiries or require any additional information please contact the undersigned on 8456 7637.

WorleyParsons

Patrick McCallum
Manager Ports and Marine Terminals