



26 November 2012

Richard Seddon
Goodman International
Level 10, 60 Castlereagh St
Sydney NSW 2000

Our ref: 21/21981
185232
Your ref:

Dear Richard,

**Bungarribee Industrial Estate
Eastern Creek Flood Study Review in Relation to the Proposed Estate Infrastructure
Modifications and the Proposed Toll IPEC Facility**

GHD have reviewed the Bewsher Consulting Pty Ltd flood report (*responses to Blacktown City Council issues dated 21st April 2008*) with respect to:

- The impacts of the Eastern Creek 100 year ARI flood event upon the proposed Toll IPEC development; and
- The proposed Estate Infrastructure modifications that are the subject of a s75W application.

Blacktown City Council Engineering Guide for Development (2005) requires the floor level of any habitable building to be equal to or greater than the 100 year ARI flood plus a freeboard 500 mm.

The 100 year ARI flood levels vary along the Toll IPEC site extents from RL 40.18m AHD to RL 42.45m AHD. The proposed floor level of the Toll IPEC facility is 48.40m AHD, which provides freeboard well in excess of the Blacktown City Council requirements.

The proposed Estate Infrastructure modification works are outside the 100-yr flood extents of Eastern Creek and hence they will not impact on the 100-yr flood levels. The 100-yr flood levels have been appropriately considered with regards to the proposed Estate Infrastructure modifications in terms of site drainage system receiving water levels.

Kind Regards
GHD Pty Ltd



ANDREW MORELLI PER

Chris McDougall
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