



Office of
Environment
& Heritage

DOC18/39888
SSD 8606

Joanna Bakopanos
Team Leader – Industry Assessments
NSW Planning and Environment
GPO Box 39
SYDNEY NSW 2001

**Exhibition of SSD 8606 – Warehousing and Light Industrial Estate, Hollinsworth Road,
Marsden Park**

I refer to your letter received 16 January 2018 requesting input from the Office of Environment and Heritage (OEH) on the proposed warehousing and light industrial estate at Hollinsworth Road, Marsden Park (SSD 8606).

OEH has reviewed the relevant documentation and provides comments in regard to floodplain risk management and Aboriginal cultural heritage at Attachment 1.

Should you have any queries regarding this matter, please contact Svetlana Kotevska, Senior Conservation Planning Officer on 8837 6040 or at Svetlana.kotevska@environment.nsw.gov.au.

Yours sincerely

S. Harrison 15/02/18

SUSAN HARRISON
Senior Team Leader Planning
Greater Sydney
Regional Operations

Attachment 1 – OEH comments

Flooding

The Costin Roe Engineering Report incorporating Stormwater Management Plan dated November 2017 indicates in section 4.4 that the site is not affected by flooding as it is only subject to overland flows. OEH acknowledges that the site is not affected by mainstream flooding from Bells Creek as shown in the Eastern Creek Catchment Development Scenario Hydraulic Assessment Report Volume 2 Figure 8.10. However, from a floodplain management perspective, the principles in the Floodplain Development Manual (2005) apply to all overland flow associated with major drainage. Therefore, providing sound understanding of the nature of overland flow hazards and risk to people and properties for the full range of events up to the probable maximum flood (PMF) is essential to guide decisions on the management of this risk for this particular site.

The report indicates that an assessment has been undertaken to assess overland flow. Based on this assessment, Section 4.2.2 of the report proposes Minor/Major drainage system design, pipe stormwater drainage to accommodate flows up to the 5% AEP event and an overland flow paths to convey stormwater runoff up to and including the 1% AEP event. However, there is no detail in the report regarding the characteristics of the overland flow path i.e. extents, depths, velocity, hydraulic function and hazard categories. Moreover, no assessment has been undertaken to assess rarer events larger than the 1% AEP up to and including the PMF.

It is prudent to acknowledge that overland flow may cause flash flooding that can result in risk to life in rarer events and is required to be managed through emergency response management. Therefore, OEH recommends that the consultants adequately address the overland flow for the full range of events up to the PMF.

Aboriginal Cultural Heritage

OEH notes that, because this is a SSD, Part 6 of the National Parks and Wildlife Act 1974 does not apply and an Aboriginal Heritage Impact Permit (AHIP) is not required for the works to proceed. OEH further notes that AHIP C0002929 was issued on 19 October 2017 for the proposed subdivision of the subject land and associated bulk earthworks, including, but not limited to, the installation of drainage infrastructure. Mitigatory Aboriginal archaeological salvage excavation was included as a condition of the AHIP and OEH is aware that the salvage excavations were completed on 14 November 2017. Accordingly, OEH is satisfied that the proposed development works can proceed.