



OUT17/8841

Ms Heather Nelson
NSW Department of Planning and Environment
GPO Box 39
SYDNEY NSW 2001

Heather.nelson@planning.nsw.gov.au

Dear Ms Nelson

**Moorebank Precinct East Stage 2 (SSD 7628)
Comment on the Environmental Impact Statement (EIS)**

I refer to the email of 13 December 2016 to the Department of Primary Industries (DPI) in respect to the above matter. Comment has been sought from relevant divisions of DPI. Views were also sought from NSW Department of Industry - Lands that are now a division of the broader Department and no longer within NSW DPI. Any further referrals to DPI can be sent by email to landuse.enquiries@dpi.nsw.gov.au.

DPI has reviewed the EIS and provides the following recommendations:

- The proponent should provide details on the proposed drainage works to the south of the MPE site, including:
 - Clarification on whether the swale needs to feed into Anzac Creek or whether it can be located and operate outside the riparian corridor to minimise impacts to the creek;
 - a description of the proposed drainage works;
 - a description of the proposed temporary side track crossings;
 - representative drawings of the drainage swale and temporary crossing structures;
 - a scaled map which clearly shows the location of:
 - Anzac Creek
 - top of bank
 - the 30 m wide riparian corridor along either side of the creek
 - existing native vegetation within the riparian corridor
 - the proposed drainage works
 - the proposed temporary side track crossings
 - details on the depth, length and width of the drainage works and how the drainage swale is proposed to feed into the creek, any scour protection works;
 - whether the works will result in temporary or permanent clearing of riparian vegetation;
 - any measures to mitigate impacts as a result of the works being carried out.
- The Stormwater and Flooding Environmental Assessment indicates that the construction site would be left in a condition that promotes native revegetation. Where riparian vegetation is temporarily cleared for construction purposes it

should be actively revegetated and replanted with relevant local native plant species at the completion of the works.

- The proponent should clarify whether the concrete channel, which conveys flows from Moorebank Precinct East site through the Moorebank Precinct West site, is proposed to be repaired and rehabilitated as part of the works to mitigate sediment /scour erosion impacts affecting the downstream environment of the Georges River.
- The hydrogeological relationship of the site to the Groundwater Dependent Ecosystems should be investigated and reported.
- The proponent should consult directly with DPI Water (water.referrals@dpi.nsw.gov.au) and DPI Fisheries (ahp.central@dpi.nsw.gov.au) on the Construction Environmental Management Plan and Erosion and Sediment Control Plan prior to construction.
- The following additions should be included in the mitigation measures:
 - The proponent should notify DPI Water should there be any potential to intercept, or affect groundwater as a license may be required.
 - A Trigger Action Response Plan should be developed to deal with groundwater (should it be intercepted during excavation) including collection and testing and disposal methods.
- The proponent should consider the following additions to existing mitigation measures to improve rehabilitation outcomes for riparian areas:
 - Mitigation Measure 4A in the EIS to prepare a Construction Flora and Fauna Management Plan should be amended to include the following:
 - Clear identification of vegetation proposed to be cleared outside the site as part of the southern and eastern swales and the presence of potential GDEs.
 - Native plants that are to be cleared from the site should be transplanted into riparian areas which are to be rehabilitated along the Anzac Creek riparian corridor, the Georges River conservation area or the landscaped areas around the boundaries of the MPE site.
 - Topsoil (and seedbank) from native vegetation areas that are to be cleared should be collected and reused in the revegetation of riparian areas.
- To protect nearby key fish habitat from potential significant indirect impacts the proponent should ensure mitigation measures relating to erosion and sediment control, stormwater treatment, and aquatic biodiversity are implemented during and following construction, and that proposed water quality measures operate to their full capacity over time.

Yours sincerely



Mitchell Isaacs

Director, Planning Policy & Assessment Advice

24 February 2017

DPI appreciates your help to improve our advice to you. Please complete this three minute survey about the advice we have provided to you, here:

<https://goo.gl/o8TXWz>