



Department of Primary Industries

OUT13/37069

Ms Fiona Gibson
Industry, Social projects and Key Sites
NSW Department of Planning and Infrastructure
GPO Box 39
SYDNEY NSW 2001

Fiona.Gibson@planning.nsw.gov.au

Dear Ms Gibson,

Kirrawee Brick Pit Site Concept Plan (MP10_0076 Mod. 2) Proposed Modification (Mod. 2)

I refer to email dated 19 November 2013 to the NSW Office of Water, a division within the Department of Primary Industries (DPI), in respect to the above matter.

Comment by the NSW Office of Water

The NSW Office of Water has reviewed the S75W modification and provides the following comments.

Section 4.1.4 of the Modification Report indicates the dewatering of the existing pit will be undertaken in accordance with the management principles as set out in the Dewatering report (page 13). It is recommended the issues raised below in relation to the dewatering report need to be addressed.

Dewatering and Groundwater Management Plan

Section 6.1 of the Dewatering and Groundwater Management Plan indicates dewatering of the site has the potential to effect changes on groundwater levels within the local aquifer and if these changes are significant enough, they may impact on the site and surrounding properties (page 8). The Plan proposes to undertake weekly monitoring of the water table to monitor any changes occurring in surrounding groundwater levels as a result of the dewatering process (page 8).

The Plan notes the dewatering rate may be decreased if it is found to be negatively impacting on groundwater levels (page 8) but no details are provided in the Management Plan on what is considered to be a significant change and what is considered to be a negative impact on groundwater levels. Details on the threshold levels for groundwater level need to be provided in the Plan. The NSW Aquifer

Interference Policy includes specific criteria that define acceptable impacts on the water table and water pressure.

Section 8 of the Dewatering and Groundwater Management Plan includes a dewatering management protocol in relation to the management of the brick pit dewatering and outlines a procedure, remedial actions and contingencies for water quality (pages 9-12). As the Plan indicates that dewatering of the site has the potential to effect changes on groundwater levels within the local aquifer, it is recommended the Plan also includes a dewatering management protocol for groundwater level.

Should you require further information please contact, at the Penrith office
For further information please contact Janne Grose, Planning and Assessment
Coordinator (Penrith office) on (02) 4729 8262 or at
Janne.Grose@water.nsw.gov.au.

Future referrals

To assist this Department in preparing responses to State Significant development matters all referrals should be made to the centralised DPI coordinator. Internal referral to relevant DPI agencies is then made.

For electronic referrals please address to: landuse.enquiries@industry.nsw.gov.au.

For hard copy referrals by post (printed documents, CD's etc) please address to:

Land Use Planning Coordinator
Department of Primary Industries
Business Services Division
GPO Box 5477
SYDNEY NSW 2001

Yours sincerely



Tony Heffernan
A/Executive Director Business Services