



Department of
Primary Industries
Office of Water

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The General Manager
Wagga Wagga City Council
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Our ref: 40 ERM2013/0561
File No: QUE00472
Your Ref: D/2013/0307

Attention: Colby Farmer

2 September 2013

Dear Sir/Madam

**Re: Proposed Development – 2 Gillard Rd, East Wagga Wagga, NSW, 2650 –
Extension of Existing Tarcoola Quarry**

Thank you for your correspondence dated 8 July 2013 regarding the proposed Extension to Existing Tarcoola Quarry at 2 Gillard Road, East Wagga Wagga. The NSW Office of Water (NOW) has reviewed the information provided with the proposal and have identified a number of issues in relation to the proposed development.

The information supplied with the application indicates that a number of activities associated with the proposed development will require either a licence or an approval under the *Water Management Act 2000* from NOW. NOW acknowledges that there are existing surface water and groundwater licences for the area of the proposed development; however clarification of the volume of these licences, compared to those predicted volumes in the application is required.

Whilst the application was deemed Integrated Development, and the period for requesting further information has passed, the complexity of the proposed development has required a time-consuming and extensive examination of the information supplied with the application. NOW requires that the following information be supplied by the applicant, prior to the commencement of activities requiring licensing.

It is recommended that the proponent needs to provide additional information with respect to the following:

- Prepares a calibrated transient numerical model, which is used for predictive modelling.
- The numerical model confidence level is classified to the Australian groundwater modelling guidelines.
- Review the water balance based on revised numerical modelling and identifies the peak annual groundwater take from dewatering and evaporative losses.
- Clarify if the predicted evaporative losses include those from the capillary fringe.

- Classify the beneficial use category of the groundwater source and the potential impact of evapo-concentration of groundwater within the quarry.
- Verification of the water balance figures with respect to the existing surface water and groundwater licence volumes.

In order to progress this issue officers from NOW would be available to meet and discuss the issue with the proponent and Council.

Please direct any questions or correspondence to Tim Smith, tim.smith@water.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to be 'TS' with a horizontal line extending to the right.

Tim Smith
Senior Water Regulation Officer
Office of Water - Murray Basin South