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Melissa Anderson  
Planning & Assessment  
NSW Department of Planning, Industry and Environment

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Dear Ms Anderson

**Chain Valley Colliery - Modification 4  
Modification Report**

I refer to your email of 23 November 2020 to the Department of Planning, Industry and Environment (DPIE) Water and the Natural Resources Access Regulator (NRAR) about the above matter.

The following recommendations are provided by DPIE Water and NRAR.

**Pre-Approval Recommendations**

- As required under the AIP, the complex modelling platform should be independently reviewed to ensure it is:
  - calibrated and validated (where practical) to the available baseline data that has been collected at an appropriate frequency and scale and over a sufficient period of time to incorporate typical temporal variations. In instances where an activity has a high likelihood of causing more than minimal harm to a “reliable water supply”, at least 2 years of baseline data is required;
  - developed consistent with the Australian Groundwater Modelling Guidelines; and
  - determined to be robust and reliable, and deemed fit-for-purpose.
- As necessary (if required), amend the impact predictions following groundwater model review.

**Post Approval Recommendations**

- The proponent should apply to NRAR to amend the miscellaneous works approval 20MW065025 (currently held by Lake Coal Pty Ltd) for the purpose of mining to the owner/operator either Delta Coal or Great Southern Energy Pty Ltd.
- Prior to extraction activities, a water census is required for the private bores referenced for inclusion in the groundwater level and quality monitoring program.

Any further referrals to DPIE Water and NRAR can be sent by email to:  
[landuse.enquiries@dpi.e.nsw.gov.au](mailto:landuse.enquiries@dpi.e.nsw.gov.au).

Yours sincerely

Simon Francis  
A/Manager, Assessments  
**Water – Knowledge Office**  
21 December 2020