



OUT19/9472

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NSW Department of Planning, Industry and Environment

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Dear Ms Seed

**Mangoola Coal Continued Operations Project (SSD-8642) (Muswellbrook Shire)  
EIS Exhibition**

I refer to your email of 15<sup>th</sup> July 2019 to the Department of Planning, Industry and Environment (DPIE) – Lands, Water and Department of Primary Industries (DPI) about the above matter.

The following advice for you to consider is from relevant branches of Lands & Water and DPI.

**DPIE – Water and the NSW Natural Resources Access Regulator (NRAR)**

**NRAR**

- The proponent should remediate and rehabilitate Big Flat Creek at the conclusion of the proposed extension. Prioritisation and development of rehabilitation options should follow the procedure set out in *A Rehabilitation Manual for Australian Streams*, Cooperative Centre for Catchment Hydrology, Land and Water Resources Research and Development Corporation, 2000.
- Works on waterfront land should be carried out in accordance with the Guidelines for Controlled Activities (2012) <https://www.industry.nsw.gov.au/water/licensing-trade/approvals/controlled-activities>.

Post approval:

- The proponent should report any volume of water captured that exceeds the harvestable right as licensable take.
- The proponent should identify and present the peak predicted groundwater take that includes both groundwater seepage from mine spoil areas and pit inflows. The peak take should be accounted for against the licences held.

**Water**

Post approval:

- Revise the Water Management Plan to present descriptive detail for the monitoring, management and mitigation of potential impact risk associated with:
  - a. drawdown of water level to registered water users; and
  - b. leachate generation from out-of-pit spoil emplacement area adjacent to Big Flat Creek.
- Commence monthly monitoring of shallow groundwater water quality (major ions) at several sites on the eastern flank of the out-of-pit emplacement area for a minimum of 12 months prior to commencement of mining.

## **DPIE – Crown Lands**

If Crown land is involved in the proposal:

- All Crown Land and Crown Roads within a Mining Lease must be subject to a Compensation Agreement issued under Section 265 of the Mining Act 1992, to be agreed and executed prior to any mining activity taking place and within 12 months of Project/ Modification Approval. The Compensation Agreement may include conditions requiring the Mining Lease Holder to purchase Crown land impacted on by mining activity.
- All Crown Land and Crown Roads located within an Exploration Licence, where subject to exploration activity, must be subject to an Access Arrangement issued under Section 141 of the Mining Act 1992, to be agreed and executed prior to any exploration activity taking place.

Any further referrals to DPIE – Lands, Water and DPI can be sent by email to:

[landuse.enquiries@dpi.nsw.gov.au](mailto:landuse.enquiries@dpi.nsw.gov.au).

Yours sincerely



Liz Rogers  
Manager, Assessments  
**DPIE Water – Strategic Relations**  
27th August 2019