

26.0 Commitments

26.1 Introduction

The Ensham Resources Joint Venture (Ensham JV) partners, and holders of the EA, are Bligh Coal Limited (ACN 010186393) (47.5 per cent), Idemitsu (37.5 per cent) and Bowen Investment (Australia) Pty Ltd (ACN 002806831) (15 per cent). Ensham currently operates the existing mine under Environmental Authority (EA) EPML00732813, dated 3 September 2020. Ensham maintains an Integrated Management System (IMS) which incorporates plans, policies and procedures to manage Ensham Mine's existing operations in accordance with the EA. This has ensured that Ensham Mine complies with defined EA conditions in EPML00732813. As the Ensham Life of Mine Extension Project (the propose project, hereafter referred to as 'the Project') is an extension of current underground operations at Ensham Mine, the IMS will be extended to incorporate the Project.

Table 26-1 provides a list of commitments made in the EIS, which are proposed to supplement Ensham Mine's existing commitments.

Table 26-1 Commitments register

Aspect	Existing EA condition	Additional commitment
Climate	Not applicable	No additional commitments for the Project.
Land use and tenure	Ensham Mine currently manages impacts to land in accordance with EA conditions G1 to G6 and H1 to H15, including returning mining areas into safe, stable and non-polluting landforms (H4), removal of infrastructure on cessation of mining (H12) and monitoring of rehabilitation against success criteria (Condition H4 and Appendix 3).	No additional commitments for the Project.
Land resources	Ensham Mine manages impacts to land in accordance with EA conditions in Schedules G and H, including maintaining factors of safety (FoS) in the mine's design (G2), establishing plans and procedures for managing rehabilitation (H3-H6) and mine waste (G4), and ensuring all potentially contaminating substances are stored and handled in accordance with Australian Standards (G5).	No additional commitments for the Project.

Aspect	Existing EA condition	Additional commitment
Rehabilitation and closure	Ensham Mine manages rehabilitation activities in accordance with EA conditions H3 to H6 of EA Impacts on mine waste on rehabilitation (G4), exploration rehabilitation (G6) and flood protection levees (D39) .	Additional commitment for the Project includes: <ul style="list-style-type: none"> Annual subsidence monitoring using LiDAR will continue throughout the duration of the Project.
Surface water resources	Ensham Mine currently manages impacts to water in accordance with EA conditions C1 to C58, including complying with the defined release water quality triggers and limits.	Additional commitment for the Project includes: <ul style="list-style-type: none"> Future mine water management tool (Goldsim model) to be calibrated using collected data from site.
Flooding	In accordance with conditions D37 and D38 of the EA, Ensham Mine currently have measures in place to ensure that the mine, including underground portals, are protected by project levees. Condition G5 refers to secure storage of dangerous goods and hazardous substances to prevent loss of containment during flooding events. Condition H9 refers to flood protection landform design.	No additional commitments for the Project.
Groundwater	Ensham Mine currently manages impacts to groundwater in accordance with EA conditions C39 to C58, including monitoring under condition C47 and Tables C10 and C11.	Additional commitment for the Project includes: <ul style="list-style-type: none"> Ensham Mine proposes to add five new monitoring bores to the current monitoring network. New monitoring bores will be monitored for 24 months to establish bore specific groundwater quality triggers.
Terrestrial ecology	Not applicable	Additional commitments for the Project include: <ul style="list-style-type: none"> Flaring infrastructure in Zone 2 of the Project Site will be outside strategic cropping and priority agricultural areas.
Aquatic ecology	Ensham Mine currently manages impacts to aquatic flora and fauna in accordance with EA condition C25 Receiving Environment Monitoring Program (REMP).	No additional commitments for the Project.

Aspect	Existing EA condition	Additional commitment
Air quality	Ensham Mine currently manages impacts to air in accordance with EA Schedule B, including dust nuisance (B1 to B4) and odour (B5 to B7).	No additional commitments for the Project.
Greenhouse gas	Not applicable	No additional commitments for the Project.
Noise and vibration	Ensham Mine currently manages noise impacts in accordance with EA conditions E1 to E6, vibration impacts in accordance with conditions E7 to E10, and airblast overpressure nuisance in accordance with conditions E11 to E15	No additional commitments for the Project.
Waste management	Ensham Mine currently manages waste impacts in accordance with EA conditions F1 to F12, including F6 Waste Management Plan. Condition G4 stipulates the requirements for the Mineral Waste Management Plan.	No additional commitments for the Project.
Hazards and safety	Ensham Mine currently manages site hazards and safety in accordance with the IMS. Specifically, hazardous materials are managed and stored in accordance with EA condition G5.	No additional commitments for the Project.
Cultural heritage	Not applicable	No additional commitments for the Project.
Social	Not applicable	Additional commitment for the Project includes: <ul style="list-style-type: none"> Ensham Mine to implement measures and strategies as detailed in the social impact management plan (SIMP) developed for the Project.
Economic	Not applicable	No additional commitments for the Project.
Transport	Not applicable	No additional commitments for the Project.
Scenic amenity and lightning	Not applicable	No additional commitments for the Project.

Aspect	Existing EA condition	Additional commitment
Matters of national environmental significance	Not applicable	No additional commitments for the Project.