

Our ref: Dendrobium Mine Extension Project (SSI-33143123)

Chris McEvoy
Manager Approvals Dendrobium Next Domain Project
South32

Via email: Chris.McEvoy@south32.net

3 June 2022

Subject: Request for Additional Information

Dear Chris

I refer to the Environmental Impact Statement (EIS) for the Dendrobium Mine Extension Project (SSI-33143123). After careful consideration, the Department is requesting that you provide additional information.

You are requested to submit the following additional information:

1. Noting that the EIS and greenhouse gas peer review identify a range of technologies or actions that could reasonably and feasibly be investigated and implemented to further reduce greenhouse gas emissions and/or increase mining and energy efficiency over the life of the project, you are requested to provide a project-specific greenhouse gas emissions reduction target and timeframes to achieve these emissions reductions over the life of the project.
2. A review of the key economic interactions between the Dendrobium Coal Mine and South32's Appin Mine, BlueScope's Port Kembla steelworks and Port Kembla Coal Terminal. The review must include a detailed assessment of the key risks and economic flow-on effects for:
 - a. each of these entities;
 - b. the Illawarra region; and
 - c. NSW,should the Project not proceed. The review must be undertaken by a suitably qualified and experienced person.
3. A bushfire assessment that identifies potential hazards and risks associated with bushfires and the use of bushfire prone land (including the risk of the Project causing bush fire), details proposed bushfire protection measures and demonstrates compliance with *Planning for Bush Fire Protection* (NSW RFS, 2019).
4. A consolidated summary of reasoning, justification and evidence for setbacks adopted for the project (e.g. from Avon and Cordeaux Dam walls and full supply levels, key stream features, named watercourses), considering the Independent Advisory Panel for Underground Mining (IAPUM) advice on the previous application which recommended:

"The adoption of a risk assessment approach for evaluating the nature and scale of environmental impacts, the appropriateness of the limits selected for environmental impacts, the reliability of setback distances of longwall panels proposed for preventing these limits being exceeded, and

the suitability of the mine layout to adaptive management as a control for preventing exceedances of predicted impacts”.

You are requested to provide the information, or notification that the information will not be provided, to the Department by 30 June 2022. If you cannot meet this deadline or do not intend to provide the additional information, please advise the department via the NSW planning portal.

If you have any enquiries, please contact Gabrielle Allan on 02 9585 6078 or gabrielle.allan@dpie.nsw.gov.au.

Yours sincerely,

A handwritten signature in black ink that reads "J Evans".

Jessie Evans

Director Resource Assessments