



25 February 2021

Kalbar Operations Pty Ltd  
C/- White and Case Lawyers

Via email

Dear Mr Power

**Fingerboards Mineral Sands Project – Inquiry and Advisory Committee Second Request for Information - Centrifuges**

---

The Fingerboards Mineral Sands Project Inquiry and Advisory Committee (IAC) adopts the same general declaration as per the first Request for Information (RFI – Tabled Document 16).

As per Direction 29 of IAC directions dated 19 February 2021, Kalbar Operations Pty Ltd (the Proponent) must address the following queries by **midday (12.00pm) on Friday 12 March 2021** and provide:

- C1. An overall statement of suggested quantified (where possible) or qualified changes in environment effects (positive and negative) of the Project across the different environment effect areas of the Project.
- C2. A summary table of changes to the Project due to the introduction of centrifuges, including information on which technical report conclusions require revisiting to consider centrifuges.
- C3. Further information on how mineral sands processing is proposed to be managed on site should the centrifuges be implemented and unsuccessful at a commercial scale. Technical Note 01 (TN01; Tabled Document 43) states centrifuges have been previously evaluated and trialled but not used in mineral sands applications.
- C4. The quantity of flocculant proposed to be used in the centrifuge process and how this chemical will be stored and managed to protect the surrounding environment.
- C5. Information on the chemical composition and soil structure of the solid cake material following treatment with flocculant which demonstrates it is appropriate for overburden use, reseeding and vegetation growth.
- C6. Information on the likely impacts on waterways and streams from the introduction of flocculant into the Project area.
- C7. Updated water balance which considers the use of centrifuges including updated estimates of surface water and ground water demand.
- C8. Power requirements and power availability for operation of the centrifuges.
- C9. Further detail on the size of the cake stockpile (e.g. average/maximum) and how the cake stockpile will be managed to address any environmental risks e.g. run-off/surface water impacts of the stockpile during a high rainfall event / flooding or other expected environmental issues.

---

**Privacy Statement**

Any personal information about you or a third party in your correspondence will be protected under the provisions of the Privacy and Data Protection Act 2014. It will only be used or disclosed to appropriate Ministerial, Statutory Authority, or departmental staff in regard to the purpose for which it was provided, unless required or authorised by law. Enquiries about access to information about you held by the Department should be directed to the Privacy Coordinator, Department of Environment, Land, Water and Planning, PO Box 500, East Melbourne, Victoria 8002

C10. Clarification around the supplementary noise evidence (Tabled Document 124) suggesting front end loaders (FEL) may be working on the cake stockpile 24/7. Is this correct or will FELs only be used for truck loading during the day?

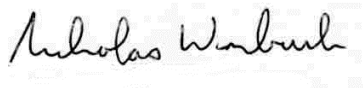
C11. An assessment of the landscape/visual impacts of the proposed centrifuge buildings.

In providing the above, the Proponent should consider the statements and limitation in supplementary evidence statements around centrifuges including (but not limited to):

1. Tabled Document 127, Section 2 (Dr Cheetham) – noted no updated hydraulic or water balance modelling available at the time of his statement.
2. Tabled Document 128, Para 12 (Dr Loch) – question around manufactured subsoil.
3. Tabled Document 131, Section 3, (Mr Weidmann) – has not been provided with revised design surfaces.
4. Tabled Document 135, Section 5.2.3, (Mr Sweeney) – further investigation of process water quality still needed.

If you have any queries please contact Amy Selvaraj, Senior Project Officer at [Fingerboards.IAC@delwp.vic.gov.au](mailto:Fingerboards.IAC@delwp.vic.gov.au).

Yours sincerely



**Nick Wimbush**

Chair, Inquiry and Advisory Committee