



OUT20/14789

Brittany Golding
Planning & Assessment
NSW Department of Planning, Industry and Environment

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Dear Ms Golding

**Ginkgo Mineral Sands Mine MOD 14 - Extension (DA251-09-01-Mod-14)
Modification Report**

I refer to your email of 27 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 Recommendation

- Confirmation be provided of the maximum annual water take from both the production bores and the excavation activities for the existing project and the extension project.

Water take from the excavation needs to be assessed in accordance with the requirements of the NSW Aquifer Interference Policy which needs to include outputs such as groundwater entrained in material, groundwater inflows into the pit due to evaporation and water removed from the pit where this induces groundwater flow from the connected water table. A water balance for the pit will be required to demonstrate this.

Post Approval Recommendations

The proponent must:

- Revise the existing Water Management Plan as appropriate (to reflect the amendments to the water management system required as part of the extension project) and in consultation with DPIE Water for the proposed extension of the mine.
- Ensure that the ability to accurately meter and monitor water take from surface and groundwater sources is developed with ongoing review of actual versus modelled predictions. This will be a key component to confirm impact predictions, the adequacy of mitigating measures and compliance for water take.
- Report on water take at the site each year (direct and indirect) in the Annual Review. This is to include water take where a water licence is required and where an exemption applies. Where a water licence is required the water take needs to be reviewed against existing water licences.
- Ensure sufficient water entitlement is held in a water access licence/s to account for the maximum predicted take for each water source prior to take occurring.
- Ensure that relevant nomination of work dealing applications for Water Access Licences proposed to account for water take by the project have been completed prior to the water take occurring.
- Comply with the rules of the relevant water sharing plans.



Planning, Industry & Environment

Any further referrals to DPIE Water and NRAR can be sent by email to:
landuse.enquiries@dpi.nsw.gov.au.

Yours sincerely

Simon Francis
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8 February 2021