



Department of Industry

OUT19/5010

Anthony Barnes
Senior Environmental Assessment Officer
Resource Assessments
NSW Department of Planning and Environment

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Dear Mr Barnes

Karuah South Quarry SSD 8795 (Kiely's Karuah Quarry) EIS Exhibition

I refer to your email of 11 April 2019 to the Department of Industry (DoI) about the above matter. The following advice for you to consider is from relevant branches of Lands & Water and Department of Primary Industries.

DoI – Water and Natural Resources Access Regulator

Prior to Approval:

- Characterise the aquifer through hydrogeological field testing on bores and data acquisition.
- Assess potential groundwater inflows to the quarry for various stages of the quarry's operational timeframe, including:
 - Determine the maximum annual groundwater take based on aquifer testing, to meet the requirements of the Aquifer Interference Policy
 - Apply for and obtain the necessary Water Access Licence(s) for extraction of groundwater to the predicted maximum annual take from the *New England Fold Belt Groundwater Source, North Coast Fractured and Porous Rock Groundwater Sources 2016 Water Sharing Plan*.

Post approval:

- Ongoing monitoring and reporting of groundwater levels in monitoring bores, and groundwater inflows to the quarry for the life of the operations including closure.

Should a meeting be required a Department Hydrogeologist can be available.

Please send any further referrals to Department of Industry by email to landuse.enquiries@dpi.nsw.gov.au.

Yours sincerely

Liz Rogers
Manager, Assessments
Lands and Water – Strategic Relations
25th June 2019