



OUT11/13205
25/07/2011

Howard Reed
Planning & Infrastructure
GPO Box 39
Sydney NSW 2001

Dear Mr Reed,

Re: Bass Point Quarry Project (08_0143) – Exhibition of Environmental Assessment

Thank you for the opportunity to provide advice on the environmental assessment of Hanson's Bass Point Quarry Extension.

The NSW Department of Trade and Investment, Regional Infrastructure and Services (DTIRIS) is one of four principal departments of the NSW Government. DTIRIS incorporates a number of divisions and authorities of the former NSW Department of Industry and Investment (I&I NSW), including, among others, Primary Industries, Minerals and Energy, and Forests NSW. This is a response from Resources and Energy – Mineral Resources (DTIRIS – MR) and Primary Industries – Fisheries. There are no issues relevant to the interests of Primary Industries - Agriculture and Forests NSW.

Issues related to Minerals

The latite resource at Bass Point Quarry represents a regionally significant source of high quality hard rock aggregate for the Sydney market. The quarry is currently one of the largest in the State and its significance is likely to increase when production from the Penrith Lakes Scheme ceases. The EA continues to lack detail regarding the regional and local geology of the area, however investigation of the resource has previously been documented in the "Review of Bass Point Quarry Geology Report, December 2007". This report summarised findings from a number of diamond boreholes confirming the presence of high quality latite at depth.

DTIRIS – MR has no concerns to raise regarding the proposed extension at Bass Point Quarry.

For further information regarding mineral issues please contact Cressida Gilmore A/ Team Leader - Land Use on 02 4931 6537 or email cressida.gilmore@industry.nsw.gov.au.

Issues related to Fisheries

NSW DPI Fisheries is responsible for ensuring that fish stocks are conserved and that there is "no net loss" of key fish habitats upon which they depend. To achieve this, the Department ensures that developments comply with the requirements of the Fisheries Management Act 1994 (namely the aquatic habitat protection and threatened species conservation provisions in Parts 7 and 7A of the Act respectively) and the associated Policy and Guidelines for Aquatic Habitat Management and Fish Conservation (1999).

DPI Fisheries policy that all developments should aim to achieve no net impacts on receiving waterways.

DPI Fisheries has reviewed the Environmental Assessment (EA) by Insite P/L (dated June 2010) and Appendices provided by the applicant and makes the following comments and recommendations.

DPI Fisheries notes that the development site is adjacent to and drains to the Pacific Ocean and Killalea Lagoon which have the potential to be impacted by the proposed development.

DPI Fisheries concurs with the proposed safeguards and mitigation measures to minimise environment impacts, in particular those related to ecology, surface water and stormwater management, and sediment and erosion control detailed in sections 8.1, 8.10, 8.12 and 10 of the EA.

All the proposed safeguards and mitigation actions listed in the EA and Appendices (including the Flora and Fauna Assessment, Surface Water and Stormwater Assessment and the Sediment and Erosion Control Plan) should be included in any project approval, and listed in the Construction and Operation Environmental Management Plans (CEMP and OEMP) and fully implemented by the proponent and its contractors.

DPI Fisheries concurs with the commitment to monitor water levels and water quality in Killalea Lagoon (section 8.9.4 of EA).

DPI Fisheries concurs with the commitment (section 8.10.8 of EA and Attachment 16 p.13) to ensure that all site discharges are treated to meet the following discharge criteria prior to release:

- TSS <50 mg/L
- Oil and Grease < 5 mg/L and none visible on ponds prior to discharge
- pH of 6.5 – 8.5

DPI recommends that this commitment is made mandatory in any approval of the project.

Given the past history of non-compliance with monitoring of the ocean discharge points at this site under Environmental Protection Licence (EPL) #2193 (see Attachment 16 – Sediment and Erosion Control Plan p.12), DPI Fisheries recommends that any approval of the proposal should include conditions that require regular audits to be conducted by the Office of Environment & Heritage (OEH) to ensure that all conditions of the EPL are complied with in future.

The DPI Fisheries contact for further information related to aquatic habitat and fisheries issues for this project is:

Dr. Trevor Daly
Fisheries Conservation Manager – South Coast
PO Box 17
BATEMANS BAY NSW 2536
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Fax: 02) 4472 7542

Yours sincerely



Cameron Ricketts
Manager- Minerals & Land Use Assessment