

Director-General's Requirements

Section 75F of the *Environmental Planning and Assessment Act 1979*

Application number	07_0013
Project	<p>The proposed Endeavor Sand Quarry Project involves:</p> <ul style="list-style-type: none"> • extracting up to 3.6 million cubic metres of sand over 10 years; • constructing a haul road from the extraction site approximately 10 km to the Endeavor Mine; • trucking the extracted material to the Endeavor Mine; and • progressively rehabilitating the extraction site.
Location	On the Darling Downs property, a Western Lands Lease located approximately 10 km northeast of the Endeavor Mine and 60 km northeast of Cobar in the Western Region of New South Wales.
Proponent	Endeavor Operations Pty Ltd
Date of Issue	08 March 2007
Date of Expiration	08 March 2009
General Requirements	<p>The Environmental Assessment must include</p> <ul style="list-style-type: none"> • an executive summary; • a detailed description of the project including the: <ul style="list-style-type: none"> – need for the project; – various components and stages of the project; and – the likely inter-relationship between the proposed operations and the existing or approved mining operations at Endeavor Mine; • consideration of any relevant statutory provisions; • a general overview of the environmental impacts of the project, identifying the key issues for further assessment, and taking into consideration the issues raised during consultation; • a detailed assessment of the key issues specified below, and any other significant issues identified in the general overview of environmental impacts of the project (see above), which includes a description of the existing environment. • a description of the measures that would be implemented to avoid, minimise, mitigate, offset, manage and/or monitor the impacts of the project; • a draft Statement of Commitments, outlining environmental management, mitigation and monitoring measures; • a conclusion justifying the project, taking into consideration the environmental impacts of the project, the suitability of the site and the benefits of the project; • a signed statement from the author of the Environmental Assessment certifying that the information contained in the report is neither false nor misleading.
Key Issues	<ul style="list-style-type: none"> • Air Quality – potential dust impacts; • Soil and Sediment – including erosion controls; • Heritage - both Aboriginal and non-Aboriginal; • Flora and Fauna – including impacts on threatened species, populations or ecological communities; critical habitats (including riparian habitat) identified in the <i>Threatened Species Conservation Act</i>; and native flora and fauna generally; • Surface and Groundwater – including: <ul style="list-style-type: none"> – potential loss of surface and groundwater water flows to the environment and other land users; and – potential water quality impacts on the environment and other land users; • Quarry infrastructure requirements – including water bores, office

	<p>amenities, waste management arrangements, electricity supplies etc.; and</p> <ul style="list-style-type: none"> • Rehabilitation and Final Landform Design – including a description of: <ul style="list-style-type: none"> – how the extraction site would be progressively rehabilitated and integrated into the landscape, taking into account any relevant strategic land use objectives for the area; – the rehabilitation, or use and maintenance, of the haul road after quarry closure; and – what measures would be put in place for the long term protection and management of the site following cessation of extraction.
References	<p>The Environmental Assessment should take into account relevant State and Commonwealth Government technical and policy guidelines. While not exhaustive, guidelines which may be relevant to the project are included in Attachment 1.</p>
Consultation	<p>During the preparation of the Environmental Assessment, you should undertake an appropriate level of consultation with the relevant local, State or Commonwealth government authorities, service providers, community groups or affected landowners.</p> <p>In particular you should consult with:</p> <ul style="list-style-type: none"> • Department of Environment and Conservation; • Department of Natural Resources; • Department of Primary Industries; • Cobar Aboriginal Lands Council; and • Cobar Shire Council. <p>The consultation process and the issues raised must be described in the Environmental Assessment.</p>
Deemed refusal period	90 days

Attachment 1

Technical and Policy Guidelines - For Reference

Aspect	Policy /Methodology
Soil and Water	
	<ul style="list-style-type: none">• <i>Managing Urban Stormwater: Soils & Construction</i> (Landcom);• <i>Guidelines for Fresh and Marine Water Quality</i> (ANZECC);• the various <i>State Groundwater Policy</i> documents (DNR);• <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW</i> (DEC).
Flora and Fauna	
	<ul style="list-style-type: none">• draft <i>Guidelines for Threatened Species Assessment</i> (DEC);• <i>Threatened Biodiversity Survey and Assessment: Guidelines for Development and Activities</i> (DEC);• <i>NSW Groundwater Dependent Ecosystem Policy</i> (DNR).
Noise	
	<ul style="list-style-type: none">• <i>NSW Industrial Noise Policy</i> (DEC);• <i>Environmental Criteria for Road Traffic Noise</i> (DEC);• <i>Environmental Noise Control Manual</i> (DEC).
Air Quality	
	<ul style="list-style-type: none">• <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (DEC).
Heritage	
	<ul style="list-style-type: none">• draft <i>Guidelines for Aboriginal Cultural Heritage Assessment and Community Consultation</i> (DEC);• <i>Assessing Heritage Significance</i> (NSW Heritage Office);• <i>NSW Heritage Manual</i> (NSW Heritage Office);• <i>Archaeological Assessment Guidelines</i> (NSW Heritage Office, 1996).
Waste	
	<ul style="list-style-type: none">• <i>Environmental Guidelines: Assessment and Classification and Management of Liquid and Non-Liquid Wastes</i> (DEC).
Rehabilitation	
	<ul style="list-style-type: none">• <i>Mine Rehabilitation</i> (Commonwealth Department of Industry Tourism and Resources);• <i>Best Practice in Landform Design for Rehabilitation</i> (Commonwealth Department of Environment and Heritage).