

Director-General's Requirements

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

Application Number	07_0074
Project	<p>The establishment of a hard rock quarry, which includes:</p> <ul style="list-style-type: none"> • extracting, processing and transporting by road up to 500,000 tonnes of product a year for 30 years; • quarry infrastructure such as crushing and screening plant; • progressively rehabilitating the site; and • construction and operation of a haul road from Brayton Road to Red Hills Road, to bypass Marulan.
Site	715 Brayton Road (quarry site) and 268 Brayton Road (haul road), approximately 8 km north west of Marulan
Proponent	Gunlake Quarries
Date of Issue	12 June 2007
Date of Expiration	12 June 2009
General Requirements	<p>The Environmental Assessment must include:</p> <ul style="list-style-type: none"> • an executive summary; • a detailed description of all components of the project including the: <ul style="list-style-type: none"> – need for the project; – alternatives considered; and – various components and stages of the project; • consideration of any relevant statutory provisions; • an overview of all 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: <ul style="list-style-type: none"> – a description of the existing environment; – an assessment of the potential impacts of the project, including any cumulative impacts; – 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; and • 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"> • Surface and Ground Water - including details of surface and ground water impacts and a site water balance; details of the proposed water management system including any creek diversions and sediment/water supply dams (both for the quarry site and haul road); consideration of the relevant provisions of <i>Drinking Water Catchments Regional Environmental Plan No 1</i>; and a surface and ground water contingency strategy setting out appropriate measures to ensure continued water supplies for surrounding landowners and the environment; • Noise – including construction and operational noise (both for the quarry site and haul road), and off-site road noise impacts; • Blasting and Vibration; • Air Quality – including an assessment for both the quarry site and haul

	<p>road;</p> <ul style="list-style-type: none"> • Traffic and Transport – including details of traffic volumes generated by the project and an assessment of the capacity and safety of the proposed haul road and transport routes, including all intersections between the site and the Hume Highway; • Flora and Fauna – including impacts on threatened species, populations or endangered ecological communities or their habitats; and details of vegetation offsets to ensure that there is no net loss to the flora and fauna values of the area in the medium to long term (both for the quarry site and haul road); • Visual; • Heritage – including Aboriginal and non-Aboriginal heritage; and • Rehabilitation and Final Land Form - including a justification for the proposed final land form and use in relation to any strategic land use objectives for the area; a detailed description of how the site would be progressively rehabilitated and integrated into the surrounding landscape; the measures that would be put in place to ensure sufficient financial resources are available to implement the proposed rehabilitation measures, and the ongoing management of the site following the cessation of extraction activities.
References	<p>The Environmental Assessment must take into account relevant State Government technical and policy guidelines. While not exhaustive, guidelines which may be relevant to the project are included in the attached list.</p>
Consultation	<p>During the preparation of the Environmental Assessment, you should consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners.</p> <p>In particular you should consult with:</p> <ul style="list-style-type: none"> • Department of Environment and Climate Change; • Department of Lands; • Department of Primary Industries; • Department of Water and Energy; • Roads and Traffic Authority; • Sydney Water Catchment Authority and • Goulburn Mulwaree Council. <p>The consultation process and the issues raised must be described in the Environmental Assessment.</p>
Deemed refusal period	<p>60 days</p>

State Government Technical and Policy Guidelines - For Reference

Aspect	Policy /Methodology
Soil and Water	
	<ul style="list-style-type: none"> • <i>Managing Urban Stormwater: Soils and Construction Volume 1 4th Edition</i> (Landcom, 2004); • <i>Guidelines for Fresh and Marine Water Quality and Guidelines for Water Quality Monitoring and Reporting</i> (ANZECC, 2000); • <i>Rehabilitation Manual for Australian Streams</i> (Land and Water Resources Research and Development Corporation); • <i>Policy and Guidelines for Fish Friendly Waterway Crossings and Why Do Fish Need to Cross the Road? Fish Passage requirements for Waterway Crossings</i> (DPI, 2004); • the various <i>State Groundwater Policy</i> documents (DWE); • <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW</i> (DECC, 2004);
Noise	
	<ul style="list-style-type: none"> • <i>NSW Industrial Noise Policy</i> (DECC); • <i>Environmental Criteria for Road Traffic Noise</i> (DECC); • <i>Construction Site Noise - Environmental Noise Control Manual</i> (DECC);
Blasting and Vibration	
	<ul style="list-style-type: none"> • <i>Technical Basis for Guidelines to Minimise Annoyance Due to Blasting Overpressure and Ground Vibration</i> (ANZECC, 1990); • <i>Assessing Vibration: a Technical Guideline</i> (DECC);
Air Quality	
	<ul style="list-style-type: none"> • <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (DECC); • <i>Approved Methods for the Sampling and Analysis of Air Pollutants in NSW</i> (DECC);
Flora and Fauna	
	<ul style="list-style-type: none"> • <i>draft Guidelines for Threatened Species Assessment</i> (DECC); • <i>draft Threatened Biodiversity Survey and Assessment: Guidelines for Development and Activities</i> (DECC); • <i>State Groundwater Dependent Ecosystems Policy</i>(DWE);
Heritage	
	<ul style="list-style-type: none"> • <i>draft Guidelines for Aboriginal Cultural Heritage Assessment and Community Consultation</i> (DECC); • <i>Assessing Heritage Significance</i> (NSW Heritage Office); • <i>NSW Heritage Manual</i> (NSW Heritage Office);
Traffic	
	<ul style="list-style-type: none"> • <i>Guide to Traffic Generating Development</i> (RTA); • <i>RTA Road Design Guide</i> (RTA); • relevant Austroad standards;
Waste	
	<ul style="list-style-type: none"> • <i>Environmental Guidelines: Assessment and Classification and Management of Liquid and Non-Liquid Wastes</i> (DECC);
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 Water Resources);
Environment Protection and Biodiversity Conservation	
	<ul style="list-style-type: none"> • <i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999: Guide to implementation in NSW</i> (DOP, May 2007).