

Director-General's Requirements

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

Application Number	08_0179
Project	The Bogo Quarry Project, which involves: <ul style="list-style-type: none"> • increasing the maximum production rate of the quarry to 380,000 tonnes of extractive material a year; and • operating a mobile asphalt plant and mobile concrete batching plant on site.
Location	Off Paynes Road, via Bookham, approximately 28km west of Yass
Proponent	Glenella Quarries Pty Ltd
Date of Issue	16 September 2008
General Requirements	<p>The Environmental Assessment of the project must include:</p> <ul style="list-style-type: none"> • an executive summary; • a detailed description of the: <ul style="list-style-type: none"> - approved quarrying operations on site, including any statutory approvals that apply to these operations/facilities; and - the existing environmental management and monitoring regime for the quarry; • a detailed description of the project, including the: <ul style="list-style-type: none"> - need for the project; - alternatives considered; - likely staging of the project; and - plans of any proposed building works or mobile plant; • a risk assessment of the potential environmental impacts of the project, identifying the key issues for further assessment; • a detailed assessment of the key issues specified below, and any other significant issues identified in the risk assessment (see above), which includes: <ul style="list-style-type: none"> - a description of the existing environment; - an assessment of the potential impacts of all stages of the project, including any cumulative impacts, taking into consideration any relevant guidelines, policies, plans and statutory provisions (see below); - a description of the measures that would be implemented to avoid, minimise, mitigate, rehabilitate/remediate, monitor and/or offset the potential impacts of the project, including detailed contingency plans for managing any potentially significant risks to the environment; • a statement of commitments, outlining all the proposed environmental management and monitoring measures; • a conclusion justifying the project on economic, social and environmental grounds, taking into consideration whether the project is consistent with the objects of the <i>Environmental Planning & Assessment Act 1979</i>; • a signed statement from the author of the Environmental Assessment, certifying that the information contained within the document is neither false nor misleading.
Key Issues	<ul style="list-style-type: none"> • Transport – including a detailed assessment of the potential impacts of the project on the safety and performance of the surrounding road network, and • Noise & Blasting – including both operational and road traffic noise; • Air Quality; • Soil & Water – including a revised surface water balance for the quarry, and a detailed assessment of the potential impacts of the project on the quantity and quality of both surface and ground water resources in the

	<p>area;</p> <ul style="list-style-type: none"> • Hazards – including a consideration of the environmental risks posed by the operation of the asphalt and concrete batching plants; • Waste – including: <ul style="list-style-type: none"> - robust estimates of the quantity and nature of the potential waste streams of the project; - a detailed description of the measures that would be implemented to minimise, reuse, recycle and dispose of any waste produced on site; • Rehabilitation – including a detailed description of both: <ul style="list-style-type: none"> - the proposed rehabilitation strategy for the quarry, taking into consideration any relevant strategic land use planning or resource management plans or policies; and - the financial assurances that would be put in place to ensure that this strategy is implemented properly; and • Social & Economic.
References	The environmental assessment of the key issues listed above should take into account relevant guidelines, policies, and plans. While not exhaustive, the following attachment contains a list of some of the guidelines, policies, and plans that may be relevant to the environmental assessment of this project.
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 or affected landowners.</p> <p>In particular you must consult with the:</p> <ul style="list-style-type: none"> • Department of Environment and Climate Change; • Department of Primary Industries; • Department of Water and Energy; • Roads and Traffic Authority; • Department of Lands; and • Yass Council. <p>The consultation process, and the issues raised during this process, must be described in the Environmental Assessment.</p>
Deemed refusal period	60 days

Policies, Guidelines & Plans

Aspect	Policy /Methodology
Risk	AS/NZS 4360:2004 Risk Management (Standards Australia) HB 203: 203:2006 Environmental Risk Management – Principles & Process (Standards Australia)
Transport	Guide to Traffic Generating Development (RTA) Road Design Guide (RTA)
Noise & Blasting	NSW Industrial Noise Policy (DECC) Environmental Criteria for Road Traffic Noise (NSW EPA) Environmental Noise Control Manual (DECC) Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration (ANZECC) Assessing Vibration: A Technical Guideline (DEC)
Air Quality	Protection of the Environment Operations (Clean Air) Regulation 2002 Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DEC) Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC)
Soil and Water	Rural Land Capability Mapping (DLWC) Agricultural Land Classification (DPI)
<i>Soil</i>	Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites (ANZECC & NHMRC) National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPC) State Environmental Planning Policy No. 55 – Remediation of Land Managing Land Contamination – Planning Guidelines SEPP 55 – Remediation of Land (DOP)
<i>Surface Water</i>	National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ) National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ) Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC) State Water Management Outcomes Plan NSW Government Water Quality and River Flow Environmental Objectives (DECC) Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)
<i>Groundwater</i>	National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC) NSW State Groundwater Policy Framework Document (DLWC) NSW State Groundwater Quality Protection Policy (DLWC) NSW State Groundwater Quantity Management Policy (DLWC) Draft

Aspect	Policy /Methodology
Hazards	State Environmental Planning Policy No. 33 – Hazardous and Offensive Development Applying SEPP 33 – Hazardous and Offensive Development Application Guidelines (DUAP) Multi-Level Risk Assessment Hazardous Industry Planning Advisory Paper No. 6 – Guidelines for Hazard Analysis
Waste	Waste Classification Guidelines 2008 (DECC)
Rehabilitation	Mine Rehabilitation – Leading Practice Sustainable Development Program for the Mining Industry (Commonwealth of Australia) Mine Closure and Completion – Leading Practice Sustainable Development Program for the Mining Industry (Commonwealth of Australia)