

Director-General's Requirements

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

Application Number	06_0298
Project	<p>The Marian Vale Quarry, which includes:</p> <ul style="list-style-type: none"> • extracting and processing up to 1 million tonnes of extractive materials (rock, sand and clay) a year for 30 years from 3 extraction areas; • constructing and operating brick works, ceramic, concrete and building product industries, which use the extractive materials quarried on the site; • establishing a timber products industry using timber cleared on the site; • constructing administration buildings and works for the quarry and associated industries, and water management systems; • transporting the manufactured products and up to 500,000 tonnes of extractive materials a year by road to various markets; • constructing an internal road and access to the Hume Highway; and • progressively rehabilitating the site.
Site	"Marian Vale" Tiycles Lane, Towrang, approximately 10 km east of Goulburn
Proponent	Antiquaire Pty Ltd and Millerview Constructions Pty Ltd
Date of Issue	12 February 2007
Date of Expiration	12 February 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; • a detailed assessment of the quantity and quality of the extractive resources on the site, and the suitability of these resources to meet the requirements of the proposed industries; • 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 all components of the project, including any cumulative impacts from the concurrent operation of the quarries and the industries, and other extractive industries (existing, approved and proposed) in the Marulan locality; – 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"> • Strategic Justification – include a strategic assessment of the need, scale, scope and location for the project in relation to the objectives of the <i>Sydney-Canberra Corridor Study</i>; • Surface and Ground Water - including detailed modelling of surface and ground water impacts, a site water balance, and an assessment of potential impacts in Sydney's drinking water catchment. Details of the proposed water management system including any creek diversions and sediment/water supply dams; and a surface and ground water contingency strategy setting out the measures that would be implemented in appropriate circumstances to protect the water supply of surrounding landowners and the environment; • Noise – including construction, operation and off-site road noise impacts; • Blasting and Vibration – including impacts on the associated industries and personnel on the site; • Air Quality - including dust, odour and greenhouse gas emissions; • Waste Management - particularly with regard to how waste would be reduced, reused, recycled or disposed; • Energy – particularly relating to the measures taken to conserve energy; • Hazards and Risk - including the storage of chemicals and additives, the potential for accidental release of hazardous substances, and the potential impact of hazardous events; • Traffic and Transport – including details of traffic volumes generated by the project and an assessment of the capacity and safety of the proposed transport route, in particular the proposed intersection with the Hume Highway. Details of all necessary road infrastructure upgrades, including site ingress/egress and any impacts to local or regional roads from the project; • 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; • Visual – including a visual impact assessment of all the components of the project; • 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 the 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 must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups or affected landowners. The consultation process and the issues raised must be described in the Environmental Assessment.</p> <p>In particular you must consult with:</p> <ul style="list-style-type: none"> • Department of Environment and Conservation; • Department of Natural Resources; • Department of Primary Industries; • NSW Rural Fire Service; • Roads and Traffic Authority; • Sydney 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	60 days
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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); • the various <i>State Groundwater Policy</i> documents (DNR); • <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW</i> (DEC, 2004);
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>Guidelines for Assessment of Aquatic Ecology in EIA</i> (Department of Planning); • <i>Policy and Guidelines Aquatic Habitat Management and Fish Conservation</i> (DPI); • <i>State Groundwater Dependent Ecosystems 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>Construction Site Noise - Environmental Noise Control Manual</i> (DEC);
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> (DEC);
Air Quality	
	<ul style="list-style-type: none"> • <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (DEC); • <i>Approved Methods for the Sampling and Analysis of Air Pollutants in NSW</i> (DEC); • draft policy <i>Assessment and Management of Odour from Stationary Sources in NSW 2000</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);
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;
Hazards and Risk	
	<ul style="list-style-type: none"> • <i>Hazardous Industry Planning Advisory Paper No. 6 - Guidelines for Hazard Analysis</i> (DUAP, 1997); • <i>Multi-Level Risk Assessment</i> (DUAP, 1997)
Waste	
	<ul style="list-style-type: none"> • <i>Environmental Guidelines: Assessment and Classification and Management of Liquid and Non-Liquid Wastes</i> (DEC); • <i>Environmental Guidelines: for the Utilisation of Treated Effluent by Irrigation</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> (DEH)

