

Director-General's Requirements

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

Application Number	07_0139
Project	The Petersons Quarry Expansion project, which includes: <ul style="list-style-type: none"> • extending the quarry to the west and southwest; • producing and transporting by road up to 200,000 tonnes of extractive materials a year for 30 years; and • progressively rehabilitating the site.
Site	Petersons Quarry Road, Coraki – approximately 2 km north west of Coraki
Proponent	Richmond Valley Council
Date of Issue	6 December 2007
Date of Expiration	6 December 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; • the history of extraction activities on the site; • consideration of any relevant statutory provisions, including the objects of the <i>Environmental Planning and Assessment Act 1979</i>; • 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; – 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"> • Noise – including construction and operational noise and off-site road noise impacts; • Blasting and Vibration; • Air Quality; • Soils and Water - including a detailed assessment of surface and ground water impacts, a site water balance, and a detailed description of the proposed water management system, including any sediment/water supply dams. As part of the mitigation measures for the project, a surface and groundwater contingency strategy setting out the measures that would be implemented to minimise impacts on the supply of water (quality and quantity) to the environment (including the Seelans Creek wetlands and Kennedys Swamp) and surrounding landowners; • Flooding – including impacts on the Seelems Creek floodplain; • Traffic and Transport – details of traffic volumes generated by the project

	<p>and an assessment of the likely impacts of this traffic on the capacity and safety of the Casino-Coraki Road, Lismore Road, Queen Elizabeth Drive and Lagoon Road intersection;</p> <ul style="list-style-type: none"> • Flora and Fauna – including impacts on threatened species, populations or endangered ecological communities or their habitats (including the nesting habitat of the Black Necked Stork); and groundwater dependent ecosystems; and details of vegetation offsets to ensure that there is no net loss to the flora and fauna values of the area; • 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 (including the <i>Far North Coast Regional Strategy</i>); 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"> • Commonwealth Department of the Environment, Water, Heritage and the Arts; • Department of Environment and Climate Change; • Department of Primary Industries; • Department of Water and Energy; and • Roads and Traffic Authority. <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
Noise	
	NSW Industrial Noise Policy (DECC)
	Environmental Criteria for Road Traffic Noise (DECC – EPA)
	Environmental Noise Control Manual (DECC)
Blasting and Vibration	
	Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration (ANZECC)
	Assessing Vibration: A Technical Guideline (DECC)
	Explosives—Storage, Transport and Use, Part 2: Use of Explosives (Standards Australia AS 2187.2)
Air Quality	
	Protection of the Environment Operations (Clean Air) Regulation 2002
	Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DECC)
	Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DECC)
Soil and Waters	
<i>Erosion & Sediment Control</i>	Managing Urban Stormwater: Soils & Construction (Landcom)
	Design Manual for Soil Conservation Works - Technical Handbook No. 5 (DWE)
	Soil and Landscape Issues in Environmental Impact Assessment (DWE)
	Wind Erosion - 2nd Edition (DIPNR)
<i>Groundwater</i>	National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC)
	NSW State Groundwater Policy Framework Document (DWE)
	NSW State Groundwater Quality Protection Policy (DWE)
	NSW State Groundwater Quantity Management Policy (DWE) Draft
	The NSW State Groundwater Dependent Ecosystem Policy (DWE)
<i>Salinity</i>	NSW Salinity Strategy (DWE)
<i>Water Quality</i>	National Water Quality Management Strategy: Water Quality Management - an Outline of the Policies (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Policies and Principles - a Reference Document (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Implementation Guidelines (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Australian drinking water guidelines (NHMRC/NRMMC)
	National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ)
	Bunding and Spill Management (DECC - EPA)
	Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DECC)
	Using the ANZECC Guideline and Water Quality Objectives in NSW (DECC)
<i>Acid Sulfate Soils</i>	Acid Sulfate Soil Manual (ASSMAC)
Floodplain	
	Floodplain Management Manual (DWE)

Traffic & Transport	
	Guide to Traffic Generating Development (RTA)
	Road Design Guide (RTA)
Flora and Fauna	
	Policy & Guidelines - Aquatic Habitat Management and Fish Conservation (DPI Fisheries)
	Policy & Guidelines for Fish Friendly Waterway Crossings (DPI Fisheries)
	Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings (DPI Fisheries)
	Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities. Working Draft (DECC)
	Draft Guidelines for Threatened Species Assessment under Part 3A of the <i>Environmental Planning and Assessment Act 1979</i> (DECC)
	Commonwealth Environmental Protection and Biodiversity Conservation Act 1999 - Guide to implementation in NSW (DOP)
	Environment Protection and Biodiversity Conservation Regulations 2000 (Schedule 4)
Visual	
	Control of Obtrusive Effects of Outdoor Lighting (Standards Australia, AS 4282)
Heritage	
<i>Aboriginal</i>	Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation (DECC)
	Aboriginal Cultural Heritage Standards and Guidelines Kit (DECC - EPA)
<i>Non-Indigenous</i>	NSW Heritage Manual (NSW Heritage Office)
	The Burra Charter (The Australia ICOMOS Charter for Places of Cultural Significance)
Waste	
	Environmental Guidelines: Assessment Classification and Management of Non-Liquid and Liquid Waste (DECC - EPA)
Strategic	
	Far North Coast Regional Strategy (DOP)