

Director-General's Requirements

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

Application Number	08_0076
Project	<p>The Wilton Quarry Project, which includes:</p> <ul style="list-style-type: none"> • increasing the quarry's extraction rate from 3000m³ to 100,000m³ per year; • increasing the depth of extraction by up to 4m; • crushing extracted overburden on site to produce road base material; • expanding the extraction area into the riparian zone of Clements Creek; and • rehabilitating the site.
Location	155 Wilton Road, Wilton (Lot 7 DP 2229156)
Proponent	Walker Corporation Pty Ltd
Date of Issue	9 September 2009
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: <ul style="list-style-type: none"> - existing and approved quarrying operations and infrastructure on site, including a copy of all statutory approvals that apply to these operations and infrastructure; and - the existing environmental management and monitoring regime on site; • a detailed description of the project, including the: <ul style="list-style-type: none"> - need for the project; - alternatives considered; - likely components and staging of the project; and - plans of any proposed building works; • 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, using sufficient baseline data; - an assessment of the potential impacts of all stages of the project, taking into consideration any relevant policies, guidelines, plans and statutory provisions (see below) and taking into account the strategic land use planning proposals for the area and the potential for any future land use conflicts between the proposal and any urban development; - a description of the measures that would be implemented to avoid, minimise, mitigate and/or offset the potential impacts of the project, including detailed contingency plans for managing any 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>; and • 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"> • Soil & Water – including: <ul style="list-style-type: none"> - a site water balance; - a detailed description of the proposed water management system; - a detailed assessment (including modelling) of the potential surface and groundwater impacts of the project, paying particular attention to the potential impacts on Clements Creek and its riparian zone;

	<ul style="list-style-type: none"> - an assessment of potential flood impacts; and - contingency strategies containing measures that would be implemented to avoid, minimise and mitigate any potential impacts of the project. • Biodiversity – including: <ul style="list-style-type: none"> - accurate predictions of any vegetation clearing on site; - a detailed assessment of the potential impacts of the project on terrestrial and aquatic threatened species, populations, ecological communities, habitats or on any groundwater dependent ecosystems; and - a detailed description of the measures to maintain or improve the biodiversity values within the project area in the medium to long term. • Noise and Vibration – including construction noise, operational noise and off-site road noise impacts. • Air Quality – including dust emissions and odour. • Greenhouse Gas – including: <ul style="list-style-type: none"> - a quantitative assessment of the potential scope 1, 2 and 3 greenhouse gas emissions of the project, and qualitative assessment of the potential impacts of these emissions on the environment; and - a detailed description of the measures that would be implemented on site to minimise the greenhouse gas emissions of the project. • Transport – including: <ul style="list-style-type: none"> - accurate predictions of the project's road traffic and a detailed assessment of the potential impacts of project related traffic on the safety and efficiency of road networks; and - a detailed description of the measures that would be implemented to upgrade and/or maintain these networks over the life of the project. • Heritage – including Aboriginal and non-Aboriginal heritage. • Visual – including a detailed description of the measures that would be implemented to minimise the visual impact of the project. • Quarry Closure and Rehabilitation – including: <ul style="list-style-type: none"> - a detailed description of the proposed measures that would be undertaken during quarry closure; - a detailed rehabilitation strategy, including justification for the proposed final land form and taking into consideration the objectives of any relevant strategic land use plans or policies; and - the measures that would be undertaken to ensure sufficient financial resources are available to implement the proposed rehabilitation strategy. • Waste; and • Social & Economic – including an assessment of the socio-economic impacts of the project, and the demand on local infrastructure and services.
References	The environmental assessment of the key issues listed above must 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, Climate Change and Water; • Department of Industry and Investment; • Roads and Traffic Authority; and • Wollondilly Shire 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)
	Risk Management Handbook for the Mining Industry (DPI)
	Risk Management Policy Framework for Dam Safety (Dam Safety Committee)
Soil and Water	
<i>Soil</i>	Rural Land Capability Mapping (DLWC)
	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)
	National Water Quality Management Strategy: Guidelines for Sewerage Systems – Effluent Management (ARMCANZ/ANZECC)
	National Water Quality Management Strategy: Guidelines for Sewerage Systems – Use of Reclaimed Water (ARMCANZ/ANZECC)
	Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC)
	State Water Management Outcomes Plan
<i>Surface Water</i>	NSW Government Water Quality and River Flow Environmental Objectives (DECC)
	Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)
	Managing Urban Stormwater: Soils & Construction (Landcom)
	Managing Urban Stormwater Volume 2E: Mines and Quarries (DECC)
	Managing Urban Stormwater: Treatment Techniques (DECC)
	Managing Urban Stormwater: Source Control (DECC)
	Floodplain Management Manual (DNR)
	Floodplain Risk Management Guideline (DECC)
	A Rehabilitation Manual for Australian Streams (LWRRDC and CRCCH)
	National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC)
<i>Groundwater</i>	NSW State Groundwater Policy Framework Document (DLWC)
	NSW State Groundwater Quality Protection Policy (DLWC)
	NSW State Groundwater Quantity Management Policy (DLWC) Draft
	Draft Guidelines for the Assessment & Management of Groundwater Contamination (DECC)
Biodiversity	
	Draft Guidelines for Threatened Species Assessment under Part 3A of the <i>Environmental Planning and Assessment Act 1979</i> (DEC)
	NSW Groundwater Dependent Ecosystem Policy (DLWC)
	Policy & Guidelines - Aquatic Habitat Management and Fish Conservation (NSW Fisheries)
	Policy & Guidelines - Fish Friendly Waterway Crossings (NSW Fisheries)
	State Environmental Planning Policy No. 44 – Koala Habitat Protection
Noise	
	NSW Industrial Noise Policy (DECC)
	Environmental Criteria for Road Traffic Noise (NSW EPA)
	Draft NSW Construction Noise Guideline (DECC)

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)
Transport	
	Guide to Traffic Generating Development (RTA)
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)
	Strategic Framework for Mine Closure (ANZMEC/MCA)
Heritage	
<i>Aboriginal</i>	Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation (DEC)
<i>Non- Aboriginal</i>	NSW Heritage Manual (NSW Heritage Office & DUAP)
	The Burra Charter (The Australia ICOMOS charter for places of cultural significance)
Greenhouse Gas	
	National Greenhouse Accounts (NGA) Factors (AGO)
	Guidelines for Energy Savings Action Plans (DEUS)
	Road Design Guide (RTA)
Waste	
	Waste Classification Guidelines (DECC)
Social & Economic	
	Draft Economic Evaluation in Environmental Impact Assessment (DOP)
	Techniques for Effective Social Impact Assessment: A Practical Guide (Office of Social Policy, NSW Government Social Policy Directorate)