

Director-General's Requirements

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

Project	The proposed Glennies Creek Open Cut Coal Mine Project, which includes: • construction and operation of a new open cut coal mine and associated infrastructure; • production of up to 1.5 million tonnes of coal over a mine life of up to 6 years; and • rehabilitation of the mine.
Site	Glennies Creek Coal Mine, approximately 12km north of Singleton
Proponent	Glennies Creek Coal Management Pty Ltd
Date of Issue	27 April 2006
Date of Expiration	27 April 2008
General Requirements	The Environmental Assessment (EA) must include: • an executive summary; • a detailed description of the project including the: - 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 (including an environmental risk analysis) and identification of the key issues for further assessment, 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 environmental risk analysis (see above), which includes: - a description of the existing environment; - an assessment of the potential impacts of the project, including any cumulative impacts associated with the concurrent operation of the project with the other mining operations at the Glennies Creek mine as well as the operations at the Mt Owen, Ashton, Camberwell and proposed Glendell mines; - 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 proposal, the suitability of the site, and whether or not the project is in the public interest; • 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	• Noise – including construction, operation, traffic and rail noise impacts; • Blasting and Vibration; • Air Quality – including construction and operation related impacts; • Surface and Groundwater - including detailed modelling of potential surface and groundwater impacts, a site water balance, and a detailed description of any proposed creek diversions. A surface and groundwater contingency strategy must be included as part of the mitigation measures for the project which details the measures proposed to protect the water supply to landowners in the region and the environment; • Flora and Fauna – including impacts on critical habitats, threatened species, populations, ecological communities, groundwater dependent ecosystems and native vegetation. A comprehensive offset strategy must be included as part of the mitigation measures for the project to ensure

	that there is no net loss of flora and fauna values in the area in the medium to long term; • Rehabilitation, Final Landform and Final Void Management – including a justification for the proposed final landform and use in relation to the strategic land use objectives; a detailed description of how the site would be progressively rehabilitated and integrated into the surrounding landscape, including adjacent mines; and a detailed description of the measures that would be put in place to ensure sufficient resources are available to implement the proposed rehabilitation measures, and for the ongoing management of the site following the cessation of mining activities; • Heritage - both Aboriginal and non-Aboriginal, including conservation outcomes for significant heritage items and areas in the mine affectation zone; • Visual – including lighting impacts; • Traffic and Transport; • Social and Economic; and • Cumulative Impacts - potential cumulative impacts (particularly on noise, air quality, flora and fauna, surface water and groundwater,) that may arise from the combined operation of the project, together with the other approved and existing mines in the region
References	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.
Consultation	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.
Deemed refusal period	60 days

State Government Technical and Policy Guidelines - For Reference

Aspect	Policy /Methodology
Soil and Water	
	• <i>Managing Urban Stormwater: Soils and Construction Volume 1 4th Edition</i> (Landcom); • <i>Acid Sulfate Soil Manual</i> (NSW Acid Sulfate Soil Advisory Committee 1998); • <i>Guidelines for Fresh and Marine Water Quality and Guidelines for Water Quality Monitoring and Reporting</i> (ANZECC); • <i>Rehabilitation Manual for Australian Streams</i> (Land and Water Resources Research and Development Corporation); • <i>NSW State Rivers and Estuaries Policy - NSW Sand and Gravel Extraction Policy for Non Tidal Rivers</i> (DNR); • the various <i>State Groundwater Policy</i> documents (DNR); • <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW</i> (DEC); • <i>Environmental Guidelines: Use of Effluent by Irrigation</i> (DEC);
Flooding	
	• <i>Floodplain Development Manual 2005</i> (DNR);
Flora and Fauna	
	• 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 Developments Adjoining Department of Environment and Conservation Land</i> (DEC); • <i>Guidelines for Assessment of Aquatic Ecology in EIA</i> (DoP); • <i>Policy and Guidelines Aquatic Habitat Management and Fish Conservation</i> (DPI); • <i>NSW Wetlands Management Policy 1996</i> (DNR); • <i>NSW Groundwater Dependent Ecosystem Policy</i> (DNR); • <i>Policy and Guidelines for Fish Friendly Waterway Crossings</i> (DPI);
Noise	
	• <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);
Air Quality	
	• <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (DEC);
Heritage	
	• 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	
	• <i>Guide to Traffic Generating Development and Road Design Guide</i> (RTA); • relevant Austroad standards;
Coastal Development	
	• <i>NSW Coastal Policy 1997</i> (Department of Planning);
Rehabilitation	
	• <i>Guidelines for Rehabilitation of Land for Agricultural End Use</i> (DPI);
Waste	
	• <i>Environmental Guidelines: Assessment and Classification and Management of Liquid and Non-Liquid Wastes</i> (DEC).