

Director-General's Requirements

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

Application number	06_0213
Project	<p>The proposed Glennies Creek Coal Mine Underground Extension Project, which involves:</p> <ul style="list-style-type: none"> the extension of underground mining at the Glennies Creek Coal Mine to extract coal from Longwall Panels 10-17 in the Middle Liddell coal seam; and associated underground development and transportation activities.
Site	Glennies Creek Coal Mine, approximately 12 kilometres north of Singleton
Proponent	Glennies Creek Coal Management Pty Ltd
Date of Issue	15 November 2006
Date of Expiration	15 November 2008
General Requirements	<p>The Environmental Assessment (EA) must include:</p> <ul style="list-style-type: none"> an executive summary; a detailed description of the project including the: <ul style="list-style-type: none"> need for the project; alternatives considered; and inter-relationship between the proposed underground operations and other existing, approved or proposed operations at the Glennies Creek Coal Mine; consideration of any relevant statutory provisions; a general overview of 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, including any cumulative impacts that may arise from the combined operation of the project, together with the other approved and existing mining operations in the region; 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 report certifying that the information contained in the report is neither false nor misleading.
Key Issues	<ul style="list-style-type: none"> Subsidence – A detailed subsidence impact assessment must be provided, including: <ul style="list-style-type: none"> detailed modelling for the area potentially affected by subsidence; analysis of the impact of subsidence on land use, surface infrastructure, and the natural and social/cultural environment; and a management plan which details the measures proposed to monitor, manage and remediate subsidence and subsidence-related impacts; Surface and Ground Water – including detailed assessment of potential impacts (at both the site and catchment/regional level) on surface waterbodies, aquifers and surface and ground water users. The assessment must include: <ul style="list-style-type: none"> predictive modelling of surface and ground water impacts;

	<ul style="list-style-type: none"> – a water balance for all water to be extracted, dewatered, transferred, discharged or otherwise used by the project and the other existing or approved operations at the mine; and – a surface and ground water contingency strategy which details the measures proposed to protect environmental flows and the water supply of landowners in the region; • Flora and Fauna – including impacts on critical habitats, threatened species, populations, ecological communities, native vegetation and groundwater dependent ecosystems; • Heritage – both Aboriginal and non-Aboriginal; • Greenhouse Gas – including an assessment of on-site greenhouse gas emissions; and • Hazard and Risk – including public safety and site security.
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	<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.</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; • Mine Subsidence Board; and • Singleton Shire Council. <p>The consultation process and the issues raised must be described in the Environmental Assessment.</p>
Deemed refusal period	90 days

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 & Construction</i> (Landcom); • <i>Guidelines for Fresh and Marine Water Quality</i> (ANZECC); • <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);
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> (DoP); • <i>Policy and Guidelines Aquatic Habitat Management and Fish Conservation</i> (DPI); • <i>NSW Groundwater Dependent Ecosystem Policy</i> (DNR);
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);
Greenhouse Gas	
	<ul style="list-style-type: none"> • <i>Factors and Methods Workbook</i> (Australian Greenhouse Office);
Waste	
	<ul style="list-style-type: none"> • <i>Environmental Guidelines: Assessment and Classification and Management of Liquid and Non-Liquid Wastes</i> (DEC).