

Director-General's Requirements

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

Application Number	08_0101 MOD 2 and 08_0102 MOD 2
Proposed Modifications	<p>Changes to the project approval for Integra Mine, including:</p> <ul style="list-style-type: none"> • removal of requirement to construct an overland conveyor from the underground surface facilities to the Coal Handling and Preparation Plan (CHPP) and continuation of truck haulage; • extension of time to establish the appropriate mechanism for securing offset areas for the long term; • extension of operating hours; and • updating land ownership details and project approval boundaries.
Location	Approximately 10km northwest of Singleton in the Hunter Valley
Proponent	Integra Coal Operations Pty Ltd
Date of Issue	July 2012
General Requirements	<p>The Environmental Assessment (EA) 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 mining operations, infrastructure, biodiversity and heritage offset areas; - the proposed modification; - need for and justification of the proposed modification; and - plans of any proposed building works. • consideration of all relevant environmental planning instruments, including identification and justification of any inconsistencies with these instruments; • a detailed assessment of the key issues specified below, and any other significant issues identified in the risk assessment included in the Preliminary EA for the proposed modification, 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 the modification, including any cumulative impacts, taking into consideration any relevant laws, policies, guidelines and plans; and - a description of the measures that would be implemented to avoid, minimise, and if necessary offset the potential impacts of the modification. • a statement of commitments, summarising the proposed environmental management and monitoring measures; • a conclusion justifying the modification, taking into consideration: the suitability of the site; the economic, social and environmental impacts of the project as a whole; and whether the modification is consistent with the objects of the <i>Environmental Planning & Assessment Act 1979</i>; and • a signed statement from the author of the EA, certifying that the information contained within the document is neither false nor misleading.
Key Issues	<p>The EA must include a detailed assessment of the following key issues:</p> <ul style="list-style-type: none"> • Air Quality – including: <ul style="list-style-type: none"> ◦ a quantitative assessment of potential air quality impacts, including a comparison of the impacts of the modification with the approved project;

	<ul style="list-style-type: none"> ◦ assessment of cumulative impacts with reference to the Camberwell Cumulative Impact Study; ◦ details of any changes to existing acquisition and management zones, mitigation measures, monitoring programs or operating practices (including the real-time monitoring system). • Greenhouse Gases – including: <ul style="list-style-type: none"> ◦ a quantitative assessment of potential Scope 1, 2 and 3 greenhouse gas emissions; ◦ a comparison of the impacts of the modification with the approved project; and ◦ an assessment of reasonable and feasible measures to minimise greenhouse gas emissions and ensure energy efficiency; • Noise, Vibration & Blasting - including a quantitative assessment of potential: <ul style="list-style-type: none"> ◦ construction, operational and transport noise impacts, including a comparison of the impacts of the modification with the approved project; ◦ blasting impacts on people, livestock and property; ◦ cumulative impacts, with reference to the Camberwell Cumulative Impact Study; and ◦ any changes to existing acquisition and management zones, mitigation measures, monitoring programs or operating practices (including the real-time monitoring system and predictive meteorological forecasting); • Social & Economic – including: <ul style="list-style-type: none"> ◦ an assessment of the costs and benefits of the modification relative to the approved project, including consideration of the potential impacts on the local and regional community; • Traffic & Transport – including: <ul style="list-style-type: none"> ◦ accurate predictions of the road and rail traffic generated by the modification; ◦ comparison of the impacts of the modification and the approved project; ◦ a detailed description of any measures required to maintain and/or improve the capacity, efficiency and safety of the road and rail networks in the surrounding area; • Biodiversity – including details of any modifications to the approved offset strategy and mechanisms for its implementation.
References	<p>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.</p>
Consultation	<p>During the preparation of the EA, 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"> • Commonwealth Department of Sustainability, Environment, Water, Population and Communities; • Office of Environment and Heritage (including the Heritage Branch); • Division of Resources and Energy within the Department of Trade and Investment, Regional Infrastructure and Services; • Department of Primary Industries (including the NSW Office of Water; NSW Forestry, Agriculture and Fisheries sections; Catchments and Lands (Crown Lands Division));

	<ul style="list-style-type: none">• NSW Health; and• Singleton Council. <p>The consultation process, and the issues raised during this process, must be described in the EA.</p>
Deemed refusal period	60 days

ATTACHMENT 1 Technical and Policy Guidelines

The following guidelines may assist in the preparation of the Environmental Assessment. This list is not exhaustive and not all of these guidelines may be relevant to your proposal. Many of these documents can be found on the following websites:

<http://www.planning.nsw.gov.au>

<http://www.bookshop.nsw.gov.au>

<http://www.publications.gov.au>

Policies, Guidelines & Plans

Aspect	Policy /Methodology
Risk Assessment	AS/NZS 4360:2004 Risk Management (Standards Australia) HB 203: 203:2006 Environmental Risk Management – Principles & Process (Standards Australia)
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)
Greenhouse Gas	National Greenhouse Accounts Factors (Australian Department of Climate Change (DCC)) Guidelines for Energy Savings Action Plans (DEUS)
Noise & Blasting	NSW Industrial Noise Policy (DECC) Environmental Noise Management – Assessing Vibration: a technical guide (DEC) NSW Road Noise Policy (DECCW) Interim Guidelines for the Assessment of Noise From Rail Infrastructure Projects (DECC) Technical basis for guidelines to minimise annoyance due to blasting overpressure and ground vibration (ANZECC) Australian Explosives Industry Safety Group Code of Practice - Prevention and Management of Blast Generated NOx Gases in Surface Blasting 2011
Social and 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) Singleton Council Draft Community Strategic Plan: <i>A Blueprint for 2022</i>
Traffic and Transport	Guide to Traffic Generating Development (RTA) Road Design Guide (RTA)
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) Principles for the use of biodiversity offsets in NSW (EPA 2011)

Biobanking Assessment Methodology and Credit Calculator Operational Manual (DECCW, 2009)

Guidelines for developments adjoining land and water managed by the Department of Environment, Climate Change and Water (DECCW, 2010)

Threatened Species Survey and Assessment Guidelines: Field Survey Methods for Fauna – Amphibians (DECCW, 2008)

Threatened Species Survey and Assessment: Guidelines for Developments and Activities – Working Draft (DEC, 2004)

Threatened Species Assessment Guideline – The Assessment of Significance (DECCW, 2007)

Policy & Guidelines - Fish Friendly Waterway Crossings (NSW Fisheries)

Policy & Guidelines - Aquatic Habitat Management and Fish Conservation (NSW Fisheries)
