

# Director-General's Requirements

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

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| <b>Application Number</b>   | 07_0078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Project</b>              | <p>The establishment of a hard rock quarry, which includes:</p> <ul style="list-style-type: none"> <li>• extracting, processing and transporting by road of up to 700,000 tonnes of extractive materials a year for the first 5 years, then up to 100,000 tonnes a year for the remaining 15 year life;</li> <li>• constructing and operating quarry infrastructure;</li> <li>• constructing a haul road; and</li> <li>• progressively rehabilitating the site.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Site</b>                 | Rockley Falls, Hume Highway, approximately 4 km north-east of Holbrook                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Proponent</b>            | Abigroup Contractor Pty Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Date of Issue</b>        | 10 August 2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Date of Expiration</b>   | 10 August 2009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>General Requirements</b> | <p>The Environmental Assessment must include:</p> <ul style="list-style-type: none"> <li>• an executive summary;</li> <li>• a detailed description of all components of the project including the: <ul style="list-style-type: none"> <li>– need for the project;</li> <li>– alternatives considered; and</li> <li>– various components and stages of the project;</li> </ul> </li> <li>• consideration of any relevant statutory provisions;</li> <li>• 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;</li> <li>• 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"> <li>– a description of the existing environment;</li> <li>– an assessment of the potential impacts of the project, including any cumulative impacts that may be associated with the concurrent operation of the project with the adjacent Lubke Quarry;</li> <li>– a description of the measures that would be implemented to avoid, minimise, mitigate, offset, manage and/or monitor the impacts of the project;</li> </ul> </li> <li>• a draft Statement of Commitments, outlining environmental management, mitigation and monitoring measures;</li> <li>• 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</li> <li>• a signed statement from the author of the Environmental Assessment certifying that the information contained in the report is neither false nor misleading.</li> </ul> |
| <b>Key Issues</b>           | <ul style="list-style-type: none"> <li>• <b>Noise</b> – including construction and operational noise and off-site road noise impacts;</li> <li>• <b>Blasting and Vibration</b>;</li> <li>• <b>Air Quality</b>;</li> <li>• <b>Surface and Ground Water</b> - including details of surface and ground water impacts and a site water balance; details of the proposed water management system including any creek diversions and sediment/water supply dams; and a contingency strategy setting out the measures that would be implemented to minimise impacts on the supply of water (quality and quantity) to the environment and surrounding landowners;</li> <li>• <b>Traffic and Transport</b> – including a detailed traffic impact assessment of the proposal on the capacity and safety of the proposed intersection with the Hume Highway (both prior to and following completion of the Hume</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|                              | <p>Highway Duplication works);</p> <ul style="list-style-type: none"> <li>• <b>Flora and Fauna</b> – including impacts on threatened species, populations or endangered ecological communities or their habitats; and details of vegetation offsets to ensure that there is no net loss to the flora and fauna values of the area (in particular the vegetation of Cromers Hill and Morgans Ridge) in the medium to long term;</li> <li>• <b>Visual</b>;</li> <li>• <b>Heritage</b> – including Aboriginal and non-Aboriginal heritage; and</li> <li>• <b>Rehabilitation and Final Land Form</b> - including a justification for the proposed final land form and use in relation to any strategic land use objectives for the area; 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.</li> </ul> |
| <b>References</b>            | <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Consultation</b>          | <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"> <li>• Department of Environment and Climate Change;</li> <li>• Department of Lands;</li> <li>• Department of Primary Industries;</li> <li>• Department of Water and Energy;</li> <li>• Hume Rural Lands Protection Board;</li> <li>• Roads and Traffic Authority; and</li> <li>• Greater Hume Shire Council.</li> </ul> <p>The consultation process and the issues raised must be described in the Environmental Assessment.</p>                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Deemed refusal period</b> | <p>60 days</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## State Government Technical and Policy Guidelines - For Reference

| Aspect                                               | Policy /Methodology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Noise</b>                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                      | <ul style="list-style-type: none"> <li>• <i>NSW Industrial Noise Policy</i> (DECC);</li> <li>• <i>Environmental Criteria for Road Traffic Noise</i> (DECC);</li> <li>• <i>Construction Site Noise - Environmental Noise Control Manual</i> (DECC);</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Blasting and Vibration</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                      | <ul style="list-style-type: none"> <li>• <i>Technical Basis for Guidelines to Minimise Annoyance Due to Blasting Overpressure and Ground Vibration</i> (ANZECC, 1990);</li> <li>• <i>Assessing Vibration: a Technical Guideline</i> (DECC);</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Air Quality</b>                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                      | <ul style="list-style-type: none"> <li>• <i>Protection of the Environment Operations (Clean Air) Regulation 2002</i>;</li> <li>• <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (DECC);</li> <li>• <i>Approved Methods for the Sampling and Analysis of Air Pollutants in NSW</i> (DECC);</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Soil and Water</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Construction                                         | <ul style="list-style-type: none"> <li>• <i>Managing Urban Stormwater: Soils and Construction Volume 1 4<sup>th</sup> Edition</i> (Landcom, 2004);</li> <li>• <i>NSW State Groundwater Policy Framework Document</i> (DWE);</li> <li>• <i>NSW State Groundwater Quality Protection Policy</i> (DWE);</li> <li>• <i>draft NSW State Groundwater Quantity Management Policy</i> (DWE);</li> <li>• <i>National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia</i> (ARMCANZ/ANZECC);</li> <li>• <i>National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality</i> (ANZECC)</li> <li>• <i>National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting</i> (ANZECC);</li> <li>• <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW</i> (DECC);</li> <li>• <i>NSW Salinity Strategy</i> (DWE);</li> </ul> |
| Groundwater                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Water Quality                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Salinity                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Traffic and Transport</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                      | <ul style="list-style-type: none"> <li>• <i>Guide to Traffic Generating Development</i> (RTA);</li> <li>• <i>RTA Road Design Guide</i> (RTA);</li> <li>• relevant Austroad standards;</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Flora and Fauna</b>                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Environment Protection and Biodiversity Conservation | <ul style="list-style-type: none"> <li>• <i>draft Guidelines for Threatened Species Assessment</i> (DECC);</li> <li>• <i>draft Threatened Biodiversity Survey and Assessment: Guidelines for Development and Activities</i> (DECC);</li> <li>• <i>State Groundwater Dependent Ecosystems Policy</i>(DWE);</li> <li>• <i>Policy and Guidelines for Fish Friendly Waterway Crossings and Why Do Fish Need to Cross the Road? Fish Passage requirements for Waterway Crossings</i> (DPI, 2004);</li> <li>• <i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999: Guide to implementation in NSW</i> (DOP, May 2007).</li> </ul>                                                                                                                                                                                                                                                                                                         |
| <b>Heritage</b>                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Aboriginal                                           | <ul style="list-style-type: none"> <li>• <i>draft Guidelines for Aboriginal Cultural Heritage Assessment and Community Consultation</i> (DECC);</li> <li>• <i>NSW Heritage Manual</i> (NSW Heritage Office);</li> <li>• <i>Assessing Heritage Significance</i> (NSW Heritage Office);</li> <li>• <i>The Burra Charter</i> (The Australia ICOMOS charter for places of cultural significance);</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Non-Aboriginal                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Rehabilitation</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                      | <ul style="list-style-type: none"> <li>• <i>Mine Rehabilitation</i> (Commonwealth Department of Industry Tourism and Resources);</li> <li>• <i>Mine Closure and Completion</i> (Commonwealth Department of Industry Tourism and Resources);</li> <li>• <i>Best Practice in Landform Design for Rehabilitation</i> (Commonwealth</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|              | Department of Environment and Water Resources);<br><ul style="list-style-type: none"> <li>• <i>Rehabilitation Manual for Australian Streams</i> (Land and Water Resources Research and Development Corporation);</li> </ul> |
| <b>Waste</b> |                                                                                                                                                                                                                             |
|              | <ul style="list-style-type: none"> <li>• <i>Environmental Guidelines: Assessment and Classification and Management of Liquid and Non-Liquid Wastes</i> (DECC);</li> </ul>                                                   |