

# Director-General's Requirements

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

<b>Project</b>	<p>The proposed Hitchcock Road Sand Extraction and Rehabilitation Project, which includes:</p> <ul style="list-style-type: none"> <li>• expanding the existing quarry in depth and area to produce up to 400,000 tonnes of sand a year for the next 22 years;</li> <li>• using the existing on and off-site quarry infrastructure;</li> <li>• importing up to 20 truck loads a day of clean material for recycling; and</li> <li>• progressively rehabilitating the site.</li> </ul>
<b>Site</b>	Hitchcock Road, Wisemans Ferry Road and Old Northern Road, Maroota
<b>Proponent</b>	PF Formation
<b>Date of Issue</b>	9 May 2006
<b>Date of Expiration</b>	9 May 2008
<b>General Requirements</b>	<p>The Environmental Assessment (EA) must include</p> <ul style="list-style-type: none"> <li>• an executive summary;</li> <li>• a detailed description 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 (including an environmental risk analysis) and identification of the key issues for further assessment, 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 environmental risk analysis (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 quarry with the recently approved Hitchcock Road Quarry and other existing quarry operations in Maroota;</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 proposal, the suitability of the site, and whether or not the project is in the public interest;</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>Surface and Groundwater</b> – including detailed modelling of surface and groundwater impacts, a site water balance, and explicit consideration of the project against the relevant findings of the Maroota Groundwater Study; a detailed description of the proposed water management system, including any creek diversions and sediment/water supply dams; and a surface and groundwater contingency strategy setting out the measures that would be implemented in some circumstances to protect the water supply of surrounding landowners and the environment;</li> <li>• <b>Traffic and Transport</b> – including details of traffic volumes generated by the project and an assessment of the capacity and safety of the proposed transport route;</li> <li>• <b>Flora and Fauna</b> – including impacts on threatened species, endangered</li> </ul>

	<p>ecological communities and groundwater dependent ecosystems; and details of any vegetation offsets to ensure that there would be no net loss of flora and fauna values in the area in the medium to long term;</p> <ul style="list-style-type: none"> <li>• <b>Noise</b> – including construction, operation and off-site road noise impacts;</li> <li>• <b>Air Quality;</b></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 the strategic land use objectives; a detailed description of how the site would be progressively rehabilitated and integrated into the surrounding landscape; and a detailed description of the measures that would be put in place to ensure that sufficient resources are available to implement the proposed rehabilitation measures, and for the ongoing management of the site following the cessation of quarrying activities.</li> </ul>
<b>References</b>	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.
<b>Consultation</b>	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.
<b>Deemed refusal period</b>	60 days

## State Government Technical and Policy Guidelines - For Reference

Aspect	Policy /Methodology
<b>Soil and Water</b>	
	<ul style="list-style-type: none"> <li>• <i>Managing Urban Stormwater: Soils and Construction Volume 1 4<sup>th</sup> Edition</i> (Landcom);</li> <li>• <i>Acid Sulfate Soil Manual</i> (NSW Acid Sulfate Soil Advisory Committee 1998);</li> <li>• <i>Guidelines for Fresh and Marine Water Quality and Guidelines for Water Quality Monitoring and Reporting</i> (ANZECC);</li> <li>• <i>Rehabilitation Manual for Australian Streams</i> (Land and Water Resources Research and Development Corporation);</li> <li>• the various <i>State Groundwater Policy</i> documents (DNR);</li> <li>• <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW</i> (DEC);</li> <li>• <i>Environmental Guidelines: Use of Effluent by Irrigation</i> (DEC);</li> </ul>
<b>Flora and Fauna</b>	
	<ul style="list-style-type: none"> <li>• draft <i>Guidelines for Threatened Species Assessment</i> (DEC);</li> <li>• <i>Threatened Biodiversity Survey and Assessment: Guidelines for Development and Activities</i> (DEC);</li> <li>• <i>Guidelines for the Assessment of Aquatic Ecology in EIA</i> (DoP);</li> <li>• <i>Policy and Guidelines Aquatic Habitat Management and Fish Conservation</i> (DPI);</li> <li>• <i>NSW Groundwater Dependent Ecosystem Policy</i> (DNR);</li> <li>• <i>Policy and Guidelines for Fish Friendly Waterway Crossings</i> (DPI);</li> </ul>
<b>Noise</b>	
	<ul style="list-style-type: none"> <li>• <i>NSW Industrial Noise Policy</i> (DEC);</li> <li>• <i>Environmental Criteria for Road Traffic Noise</i> (DEC);</li> <li>• <i>Construction Site Noise - Environmental Noise Control Manual</i> (DEC);</li> </ul>
<b>Air Quality</b>	
	<ul style="list-style-type: none"> <li>• <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (DEC);</li> </ul>
<b>Heritage</b>	
	<ul style="list-style-type: none"> <li>• draft <i>Guidelines for Aboriginal Cultural Heritage Assessment and Community Consultation</i> (DEC);</li> <li>• <i>Assessing Heritage Significance</i> (NSW Heritage Office);</li> <li>• <i>NSW Heritage Manual</i> (NSW Heritage Office);</li> </ul>
<b>Traffic</b>	
	<ul style="list-style-type: none"> <li>• <i>Guide to Traffic Generating Development and Road Design Guide (RTA)</i>;</li> <li>• relevant Austroad standards;</li> </ul>
<b>Rehabilitation</b>	
	<ul style="list-style-type: none"> <li>• <i>Guidelines for Rehabilitation of Land for Agricultural End Use</i> (DPI);</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> (DEC).</li> </ul>