



NSW GOVERNMENT  
**Department of Planning**

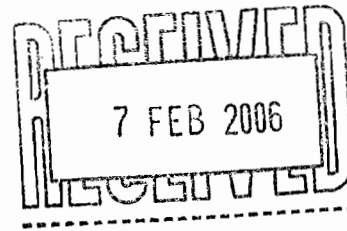
Office of Sustainable Development  
Assessments and Approvals

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Mr Terry Perram  
Principal  
Perram & Partners  
12 Clanwilliam Street  
EASTWOOD NSW 2122



Dear Mr Perram

### **Proposed Expansion of Gerroa Sand Quarry**

The Department has received your application for the proposed extension of the Gerroa Sand Quarry (reference number: 05\_0099) under Section 75E of the *Environmental Planning and Assessment Act 1979*.

I have attached a copy of the Director-General's requirements for the project and the correspondence the Department received from various agencies on the project.

I would appreciate it if you would contact the Department at least 2 weeks before you propose to submit the draft Environmental Assessment for the project.

If you have any enquiries about these requirements, please contact Michael Young on (02) 9228 6437.

Yours sincerely

  
Yolande Stone  
Executive Director

20/1/06

Delegate of the Director-General

# Director-General's Requirements

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

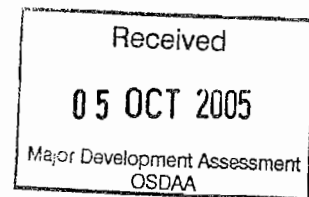
<b>Project</b>	The proposed expansion of the Gerroa Sand Quarry, which includes: (a) extraction by suction dredge of up to 75,000 tonnes of sand a year over 20 years; (b) screening and stockpiling of material; (c) importation of construction materials for stockpiling on site; (d) dispatch of material by road; and (e) rehabilitation of disturbed areas and dredge pond batters.
<b>Site</b>	Lot A DP 185785 and part of the land in Certificate of Title Volume 5841 Folio 139 at Gerroa in the Shoalhaven and Kiama local government areas
<b>Proponent</b>	Cleary Bros (Bombo) Pty Ltd
<b>Date of Issue</b>	20 January 2006
<b>Date of Expiration</b>	20 January 2008
<b>General Requirements</b>	The Environmental Assessment must: <ul style="list-style-type: none"> <li>• be scientifically rigorous, and prepared in accordance with best practice;</li> <li>• be certified by the author;</li> <li>• include an executive summary;</li> <li>• describe all stages of the project in detail (including rehabilitation of the site and relationship with the existing extraction operations);</li> <li>• describe the consultation that was carried out and the issues raised during this consultation;</li> <li>• include a general environmental risk analysis of the project;</li> <li>• assess the key assessment requirements specified below;</li> <li>• include a draft Statement of Commitments; and</li> <li>• consider the benefits and impacts of the project (as a whole), and justify why it should be approved.</li> </ul>
<b>Key Assessment Requirements</b>	The Environmental Assessment must assess the following potential impacts of the project and describe what measures would be implemented to avoid, minimise, mitigate, offset, manage and/or monitor these impacts: <ul style="list-style-type: none"> <li>• <b>Soil and Water</b> – including a detailed project water balance, potential changes to the groundwater regime, stream and riparian impacts (particularly those associated with stream diversions and relocations) and water quality impacts arising from the treatment of sand stockpiles, and the dewatering and/or treatment of dredged sand; return of process waters to the waterway;</li> <li>• <b>Flooding;</b></li> <li>• <b>Noise</b> – including dredging, operation and traffic noise;</li> <li>• <b>Air</b> – including operation and construction dust impacts on nearest sensitive receivers and aquatic flora and fauna;</li> <li>• <b>Waste</b> - identify potential hazards and waste streams and detail how these would be managed and/or disposed;</li> <li>• <b>Traffic and transport;</b></li> <li>• <b>Soils and Land Capability</b> – including acid sulfate soils;</li> <li>• <b>Visual;</b></li> <li>• <b>Flora and Fauna</b> – including impacts on threatened species,</li> </ul>

	<p>endangered ecological communities and aquatic flora and fauna (particularly SEPP 14 wetland communities and mangroves);</p> <ul style="list-style-type: none"> <li>• <b>Heritage</b> – both Aboriginal and non-Aboriginal;</li> <li>• <b>Socio-economic</b> – short and long term impacts on the local and regional community.</li> </ul>
<b>References</b>	<p>The Environmental Assessment must take into account appropriate State government technical and policy guidelines. While not exhaustive, guidelines which may be relevant to the project include:</p> <ul style="list-style-type: none"> <li>• <i>Guidelines for Assessment of Aquatic Ecology in EIA</i> (Department of Planning);</li> <li>• <i>Policy and Guidelines Aquatic Habitat Management and Fish Conservation</i> (Department of Primary Industries);</li> <li>• <i>Rehabilitation Manual for Australian Streams</i> (Land and Water Resources Research and Development Corporation);</li> <li>• <i>Guidelines for Fresh and Marine Water Quality and Guidelines for Water Quality Monitoring and Reporting</i> (ANZECC 2000);</li> <li>• <i>Managing Urban Stormwater: Soils and Construction Volume 1 4<sup>th</sup> Edition</i> (Landcom 2004);</li> <li>• <i>State Groundwater Policy Framework Document</i> (Department of Natural Resources);</li> <li>• <i>State Groundwater Dependent Ecosystems Policy</i>(Department of Natural Resources);</li> <li>• <i>NSW State Rivers and Estuaries Policy - NSW Sand and Gravel Extraction Policy for Non Tidal Rivers</i> (Department of Natural Resources);</li> <li>• <i>Floodplain Development Manual 2005</i> (Department of Natural Resources);</li> <li>• <i>Acid Sulfate Soil Manual</i> (NSW Acid Sulfate Soil Advisory Committee 1998);</li> <li>• <i>NSW Industrial Noise Policy</i> (Department of Environment and Conservation);</li> <li>• <i>Construction Site Noise - Environmental Noise Control Manual</i> (Department of Environment and Conservation);</li> <li>• <i>Environmental Criteria for Road Traffic Noise</i> (Department of Environment and Conservation);</li> <li>• <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW</i> (Department of Environment and Conservation);</li> <li>• <i>Guide to Traffic Generating Development and Road Design Guide</i> (Roads and Traffic Authority);</li> <li>• <i>NSW Wetlands Management Policy 1996</i> (Department of Natural Resources);</li> <li>• draft <i>Guidelines for Threatened Species Assessment</i> (Department of Environment and Conservation);</li> <li>• draft <i>Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation</i> (Department of Environment and Conservation);</li> </ul>
<b>Consultation Requirements</b>	<p>During the preparation of the Environmental Assessment, you must consult with the relevant State and local government authorities, service providers, community groups, affected landowners and any affected Commonwealth government authorities.</p>
<b>Deemed refusal period</b>	60 days



Department of  
**Environment and Conservation (NSW)**

Your reference : W92/00173  
Our reference : 281283A7:WOF13256:CP  
Contact : Craig Patterson, (02) 4224 4100



The Director  
Department of Planning  
(Attention: Michael Young)  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir

**DIRECTOR-GENERAL REQUIREMENTS FOR THE PREPARATION OF AN ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED EXTENSION OF SAND EXTRACTION OPERATIONS AT GERROA SAND QUARRY, GERROA**

We are writing further to your letter received on 21 September 2005 requesting Director-General requirements for the preparation of an Environmental Assessment for the above proposed development. This response addresses those issues regulated by the Department of Environment and Conservation (DEC) in relation to the Protection of the Environment Operations Act 1997, the Threatened Species Conservation Act 1995 and the National Parks and Wildlife Act 1974.

As stated in your letter, the DEC had previously provided Director-General requirements for the proposed development in December 2004. We understand that this current proposal submitted under Part 3A includes the partially cleared area to the north of the proposed extension area as opposed to just the densely vegetated area to the south.

Based on the information provided, the above Director-General requirements should be considered for the entire proposed extension area as shown on the photo titled "Gerroa Sand Mine Orthophoto" provided with the application. The environmental assessment need not necessarily be limited to this information and should address all environmental issues relating to the development.

An amendment to the current Environment Protection Licence (Licence No 4146) may not be required based on the information provided. The proposed extraction area appears to be covered by the existing premises description on the licence and it is not proposed to increase the extraction rates. The existing licence permits the extraction of between 50,000 to 100,000 cubic metres of material annually for the Scheduled Activity of Dredging. This information should be confirmed by the proponent as part of the environmental assessment.

In addition to these requirements, the assessment should assess the extent of endangered vegetation communities, including freshwater wetlands and include a report on how present operations are affecting any endangered vegetation community. The size of the buffer between the quarrying operations and endangered vegetation should also be large enough to preclude any indirect, adverse impacts. There is a high likelihood that the proposal will destroy remnant elements of endangered ecological communities such as paddock trees and some understorey species. The proponent should demonstrate how the local extent and/or condition of the effected communities will be enhanced such that the project meets the maintain or improve test.

There is a high likelihood that any remaining native vegetation in the area will be habitat to a range of threatened species, including but not limited to; threatened bats, owls and arboreal mammals. If native vegetation is to be disturbed then a detailed fauna and flora survey should occur. Isolated paddock trees may be of particular importance to threatened bats, as the Seven Mile Beach area is a known hot spot for threatened bats. The Regent Honeyeater and Swift Parrot have been recorded in mature, winter flowering trees in the near vicinity of the proposal, and this could be another important threatened species habitat element present in the proposal area. If threatened species habitat or potentially significant habitat elements are to be effected by the proposal then the proponent should demonstrate how the local extent or condition of this habitat or habitat element will be maintained or improved.

We request that the applicant provide two copies of the Environmental Impact Study when lodging its application with the DEC. These documents should be lodged at Level 3, 84 Crown Street, Wollongong NSW 2500. Should you have any further enquiries, please contact the officer above.

Yours sincerely



TREVOR JONES  
Manager Illawarra  
Environment Protection and Regulation Division  
**Department of Environment and Conservation**

cc: Department of Environment and Conservation - South Branch EPRD  
(Attention: Michael Hood)  
Planning and Aboriginal Heritage  
PO Box 2115  
QUEANBEYAN NSW 2620

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