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Mr Paul Anink
Managing Director
Marine Pollution Research Pty Ltd
PO Box 279
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Our ref: S04/00932

Dear Mr Anink

**Director General's Requirements
Jervis Bay Mixed Culture Shellfish Aquaculture Facility**

The Department has received your application for the proposed Jervis Bay Mixed Culture Shellfish Aquaculture Project (Application Number: 06_114).

I have attached a copy of the Director-General's requirements (DGRs) for the project. These requirements have been prepared in consultation with relevant government agencies, and are based on the information that you have provided to date.

Please note that under section 75F(3) of the *Environmental Planning and Assessment Act 1979*, the Director-General may alter these requirements at any time.

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 to determine the:

- fees applicable to the application;
- consultation and public exhibition arrangements that will apply; and
- number and format (hard-copy or CD-ROM) of the Environmental Assessment that will be required.

As you may know, the Department will review the draft Environmental Assessment in consultation with the relevant authorities to determine if it adequately addresses the Director-General's requirements. If the Director-General considers the Environmental Assessment to be inadequate, you will be required to revise it prior to public exhibition.

The Director-General's requirements will be placed on the Department's website along with other relevant information which becomes available during the assessment of the project. As a result, the Department would appreciate it if all documents that are subsequently submitted to the Department are in a suitable format for the web, and if you would arrange for an electronic version of the Environmental Assessment for the project to be hosted on a suitable website with a link to the Department's website.

Finally, if your proposal contains any actions that could have a significant impact on Matters of National Environmental Significance, it will require an additional approval under the Commonwealth *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act). This approval would be in addition to any approvals required under NSW legislation. If you have any questions about the application of the EPBC Act to your proposal, you should contact the

Commonwealth Department of Environment and Heritage in Canberra (02 6274 1111 or <http://www.deh.gov.au>).

If you have any enquiries about these requirements, please contact Chris Ritchie, Manager Manufacturing and Rural Industries, on 02 9228 6413.

Yours sincerely

Chris Wilson
Executive Director
As delegate of the Director-General

Director-General's Requirements

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

Project	The construction and operation of the Jervis Bay mixed culture shellfish aquaculture facility and associated infrastructure.
Site	<ul style="list-style-type: none"> • 1km off Collingwood Beach (between Huskisson and Vincentia) on the southern shore of Jervis Bay; and • 171 Hawken Road, Tomerong.
Proponent	A and J Harvey
Date of Issue	1 September 2006
Date of Expiration	1 September 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 justification for preferred options; and – various components and stages of the project; • consideration of any relevant statutory provisions; • an overview of all the environmental impacts of the proposal, identifying the key issues for further assessment and taking into consideration any issues raised during consultation; • a detailed assessment of the key issues specified below and any other significant issues identified in the general overview of the environmental impacts of the proposal (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; – 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 why the site is suitable for the proposed development, and the project should be approved; • a signed statement from the author of the EA certifying that the information contained in the report is neither false nor misleading.
Key Issues	<ul style="list-style-type: none"> • Strategic Planning –: <ul style="list-style-type: none"> ○ assess the proposal against the relevant provisions of the Jervis Bay Marine Park's Operational Plan and Zoning Plan, and ○ justify any inconsistencies between the proposal and these provisions. • Water – including impacts from: potential sedimentation plumes generated by the cleaning, maintenance and operation of the aquaculture facility infrastructure; the use of boats associated with the proposal (eg hydrocarbon spillages); bio-sedimentation generated by the mussels and other shellfish; and details of erosion and sediment controls (during construction) and stormwater management (during operations) at the land-based site. • Fauna and flora – including impacts on: biosecurity, critical habitats, threatened species, and populations, ecological communities or their habitats. • Navigation and recreation – including impacts on sailing, fishing and other water-based activities in Jervis Bay. • Visual –from private properties and publicly accessible locations, both on

	<p>the land and in the Bay.</p> <ul style="list-style-type: none"> • Noise – including construction and operational noise. • Waste management – including the impacts associated with the intended methods of disposal of any solid and liquid wastes generated by the proposal eg waste shells, shellfish tissue and fouling material. • Coastal processes – including the ability of the proposed lease infrastructure to withstand the impact of waves and current, and the impact that the infrastructure would have on coastal processes such as currents, wave action and sediment movement. • Air quality – particularly odour.
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"> • Shoalhaven City Council; • NSW Department of Primary Industries (Fisheries); • Marine Parks Authority; • Australian Department of Defence (Navy); • NSW Maritime Authority; • Department of Environment and Conservation; • Department of Natural Resources • NSW Food Authority; • Jervis Bay Coastal Patrol; and • relevant local Aboriginal group(s). <p>The consultation process and the issues raised must be described in the EA.</p>
Deemed refusal period	60 days

State Government technical and policy guidelines

Aspect	Policy /Methodology
Air Quality	Draft Assessment and management of odour from stationary sources in NSW (DEC, 2001)
Aquaculture	EIS Guideline for <i>Aquaculture in Natural Waterbodies</i>
Biodiversity	Draft <i>Guidelines for Threatened Species Assessment (DEC)</i>
	Policy and Guidelines Aquatic Habitat Management and Fish Conservation (NSW Fisheries, 1999)
	Guidelines for Assessment of Aquatic Ecology in EIA (DOP)
	Fish Habitat Protection Plan No.1 General (NSW Fisheries)
Heritage	Draft <i>Guidelines for Aboriginal Cultural Heritage Assessment and Community Consultation (DEC)</i>
Noise	Environmental Noise Management - NSW Industrial Noise Policy (DEC)
	Environment Noise Control Manual (DEC)
Waste	Assessment, Classification & Management of Liquid & Non-Liquid Wastes
Water	NSW State Rivers & Estuaries Policy (DNR)
	Guidelines for Fresh and Marine Waters (ANZECC)
	Approved Methods for the Sampling and Analysis of Water Pollutants in New South Wales (DEC)
	Managing Urban Stormwater: Soils & Construction (NSW Landcom) - "The Blue Book"
	Managing Urban Stormwater (DEC)