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Mr Michael England
Senior Principal
HLA-Envirosciences Pty Limited
PO Box 726
PYMBLE NSW 2073

Our ref: 9040636
Your ref:

Dear Mr England

**Proposed Wastewater Treatment Plant Upgrade, Bayswater Power Station,
Muswellbrook Local Government Area**

I refer to your request for the Director-General's assessment requirements for the preparation of an Environmental Assessment in relation to the above project.

The Director-General's Environmental Assessment Requirements are attached, pursuant to section 75F(2) of the *Environmental Planning and Assessment Act 1979*. It should be noted that the Director-General's requirements have been prepared based on the information provided to date. Under section 75F(3) of the Act, the Director-General may alter or supplement these requirements if necessary and in light of any additional information that may be provided prior to the proponent seeking approval for the project.

You should ensure that you consult with the Department prior to submission of a draft Environmental Assessment to determine:

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

Once you have lodged the Environmental Assessment, the Department will consult with the relevant authorities to determine the adequacy of the Environmental Assessment. Following this review period the Environmental Assessment will be made publicly available for a minimum period of 30 days.

You should keep the contact officer for this project, Scott Jeffries ((02) 9228 6426, scott.jeffries@dipnr.nsw.gov.au), up to date with the progress of preparation of the Environmental Assessment, and seek clarification of any issues that may be unclear or may arise during this process.

Yours sincerely

10.2.06

Chris Wilson
A/ Deputy Director-General
As delegate for the Director-General

**UPGRADE OF THE BAYSWATER POWER STATION WASTEWATER TREATMENT
PLANT, MUSWELLBROOK LOCAL GOVERNMENT AREA**

**ENVIRONMENTAL ASSESSMENT REQUIREMENTS UNDER PART 3A OF THE
ENVIRONMENTAL PLANNING AND ASSESSMENT ACT 1979**

Project	Upgrade of the Bayswater Power Station to improve the treatment process for water at the power station, generally as described in draft Environmental Assessment: Water Treatment Plant Upgrade, Bayswater Power Station, prepared by HLA-Envirosciences Pty Ltd and dated 14 December 2005.
Site	Bayswater Power Station, Lot 2 DP 327372, Lot 16 DP 701496, Lot 6 DP 966589, Lot 2 DP 574168, Lot 4 DP 247943, Lot 10 DP 700554 and Lot 331 DP 752486, New England Highway, Muswellbrook local government area
Proponent	Macquarie Generation
Date of Issue	10 February 2006
Date of Expiration	10 February 2008
General Requirements	<p>The Environmental Assessment must be prepared to a high technical and scientific standard and must include:</p> <ul style="list-style-type: none"> • an executive summary; • a description of the proposal, including construction, operation, and staging; • an assessment of the environmental impacts of the project, with particular focus on the key assessment requirements specified below; • justification for undertaking the project with consideration of the benefits and impacts of the proposal; • a draft Statement of Commitments detailing measures for environmental mitigation, management and monitoring for the project; and • certification by the author of the Environment Assessment that the information contained in the Assessment is neither false nor misleading.
Key Assessment Requirements	<p>The Environmental Assessment must include assessment of the following key issues:</p> <ul style="list-style-type: none"> • Strategic Planning – the Environmental Assessment must provide a strategic assessment of the project, including justification of the need, scale, scope and location for the project. The Environmental Assessment must also include a strategic planning consideration of the project and an analysis of the suitability of the proposed site with respect to potential land use conflicts with existing and future surrounding land users. • Water Cycle Management – the Environmental Assessment must include an assessment of water quality impacts associated with the project, including details of the expected water balance for the site. Particular focus must be placed on sourcing and supply of water to the project, wastewater disposal options and justification for the water management approach proposed. The Environmental Assessment must also detail how the project will affect groundwater and surface waters, including in relation to the Hunter River Salinity Trading Scheme. • Greenhouse Gases – the Environmental Assessment must include a greenhouse gas assessment, including as appropriate quantification of the total volumes and emissions intensities for greenhouse gases produced in association with the project per year including as a consequence of electricity requirements for the operation of the project. Where greenhouse gas offsets are proposed, appropriate details of each offset option must be included in the Environmental Assessment, including implementation measures for each offset option. • Waste Generation and Management – the Environmental Assessment must detail wastes associated with the project, including quantities and qualities of waste, management, minimisation and treatment/ disposal methods. Wastes that are not to be reused or recycled must be classified in accordance with the DEC's <i>Environmental Guidelines: Assessment, Classification and Management of Liquid and Non-Liquid Wastes</i>. • General Environmental Risk Analysis – notwithstanding the above key assessment requirements, the Environmental Assessment must include an environmental risk analysis to identify potential environmental impacts associated with the project (construction and operation), proposed mitigation

	<p>measures and potentially significant residual environmental impacts after the application of proposed mitigation measures. Where additional key environmental impacts are identified through this environmental risk analysis, an appropriately detailed impact assessment of this additional key environmental impacts must be included in the Environmental Assessment.</p>
<p>Consultation Requirements</p>	<p>You must undertake an appropriate and justified level of consultation with the following parties during the preparation of the Environmental Assessment:</p> <ul style="list-style-type: none"> • NSW Department of Environment and Conservation; • NSW Department of Natural Resources; • Muswellbrook Shire Council; and • the local community. <p>The Environmental Assessment must clearly indicate issues raised by stakeholders during consultation, and how those matters have been addressed in the Environmental Assessment.</p>
<p>Deemed refusal period</p>	<p>Under clause 8E(2) of the <i>Environmental Planning and Assessment Regulation 2000</i>, the applicable deemed refusal period is 60 days from the end of the proponent's environmental assessment period for the project.</p>