



## Planning & Infrastructure

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Our ref: 11/01424

Mr Ernie Hacker  
General Manager – Albury Mill  
Norske Skog Paper Mills (Australia) Ltd  
Private Bag  
LAVINGTON NSW 2641

Dear Mr Hacker

### **Norske Skog Paper Mill Energy Project (MP 11\_0004) Director-General's Requirements**

The Department has received your recent application for the revised Norske Skog Paper Mill Energy Project dated 16 August 2011.

I have attached a copy of the revised Director-General's requirements for the project.

Please note that the Director-General may alter these requirements at any time.

If your proposal is likely to have a significant impact on matters of National Environmental Significance, it will require an approval under the Commonwealth *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act). This approval is in addition to any approvals required under NSW legislation. It is your responsibility to contact the Department of Sustainability, Environment, Water, Populations and Communities (DSEWPac) in Canberra ((02) 6274 1111 or (<http://www.environment.gov.au>) and determine if the project requires an approval under the EPBC Act. The Commonwealth Government has accredited the NSW environmental assessment process, so if it is determined that an approval is required under the EPBC Act, please contact the Department immediately as supplementary Director-General's requirements may need to be issued.

I would appreciate it if you would contact the Department at least two weeks before you submit the Environmental Assessment of the project. This will enable the Department to determine the:

- applicable fees (see Division 1A, Part 15 of the *Environmental Planning & Assessment Regulation 2000*); and
- number of copies (hard-copy or CD-ROM) of the Environmental Assessment that will be required for exhibition purposes.

Once it receives the Environmental Assessment, the Department will review it in consultation with the relevant agencies to determine if it adequately addresses the Director-General's requirements, and may require you to revise it prior to public exhibition.

The Department is required to make all the relevant information associated with the project publicly available on its website. Consequently, I would appreciate it if you would ensure that all the documents you subsequently submit to the Department are in a suitable format for the web,

and arrange for an electronic version of the Environmental Assessment to be hosted on a suitable website during the exhibition period.

If you have any enquiries about these requirements, please contact Andrew Hartcher on 9228 6503 or [andrew.hartcher@planning.nsw.gov.au](mailto:andrew.hartcher@planning.nsw.gov.au).

Yours sincerely

*DKitto 1/9/11*

David Kitto  
**Director, Mining & Industry Projects**  
**Major Projects Assessment**  
As delegate for the Director-General



# Director-General's Requirements

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

Application Number	11_0004
Project	The Norske Skog Paper Mill Energy Project, which involves the construction and operation of a combined heat and power cogeneration system within the footprint of the existing site. In particular, this includes the development of: <ul style="list-style-type: none"> <li>- a biomass fuelled steam boiler; and</li> <li>- a steam turbine.</li> </ul>
Location	117 R.W. Henry Drive, Ettamogah (Lot 21 DP 604181 in the Parish of Mungabarinna, County of Goulburn) in the Albury local government area.
Proponent	Norske Skog Paper Mills (Australia) Ltd
Date of Expiry	August 2013
General Requirements	<p>The Environmental Assessment of the project must include:</p> <ul style="list-style-type: none"> <li>• an executive summary;</li> <li>• a detailed description of the following within the site and any associated areas: <ul style="list-style-type: none"> <li>- historical operations/activities; and</li> <li>- existing and approved operations/facilities, including any statutory approvals that apply to these operations and facilities.</li> </ul> </li> <li>• a detailed description of the project, including the: <ul style="list-style-type: none"> <li>- need for the project;</li> <li>- proposed modifications or upgrades to activities or infrastructure;</li> <li>- alternatives considered;</li> <li>- various components and stages of the project;</li> <li>- likely interactions between existing and proposed operations as well as the project and other land uses in the vicinity of the site; and</li> <li>- plans of any proposed building works;</li> </ul> </li> <li>• a risk assessment of the potential environmental impacts of the project, identifying the key issues for further assessment;</li> <li>• a detailed assessment of the key issues specified below, and any other significant issues identified in the risk assessment (see above), which includes: <ul style="list-style-type: none"> <li>- a description of the existing environment, using sufficient baseline data;</li> <li>- an assessment of the potential impacts of the project, including any cumulative impacts, taking into consideration any relevant guidelines, policies, plans and statutory provisions (see below);</li> <li>- a description of the measures that would be implemented to avoid, minimise, mitigate, rehabilitate/remediate, monitor and/or offset the potential impacts of the project, including detailed contingency plans for managing any significant risks to the environment;</li> </ul> </li> <li>• a statement of commitments, outlining all the proposed environmental management and monitoring measures;</li> <li>• a conclusion justifying the project on economic, social and environmental grounds, taking into consideration whether the project is consistent with the objects of the <i>Environmental Planning &amp; Assessment Act 1979</i>; and</li> <li>• a signed statement from the author of the Environmental Assessment, certifying that the information contained within the document is neither false nor misleading.</li> </ul>
Key Issues	<ul style="list-style-type: none"> <li>• <b>Air Quality</b> – including a quantitative assessment of the potential air quality and odour impacts of the project particularly from combustion</li> </ul>



	<p>processes; and details of the types and quantities of fuels to be burnt (standard and non-standard);</p> <ul style="list-style-type: none"> <li>• <b>Noise</b> – including construction, operation (particularly from steam boilers and turbines) and traffic noise impacts. The assessment shall particularly consider potential noise impacts from the biomass boiler, natural gas turbine and steam turbine;</li> <li>• <b>Waste</b> – including accurate estimates of the quantity and classification of all potential sources of liquid and non-liquid waste to be utilised and/or generated by the project (particularly from combustion processes) and how this waste would be handled, stored, processed and, if necessary, disposed of;</li> <li>• <b>Soil and Water</b> – including a detailed assessment of potential soil, surface and groundwater impacts; potential soil contamination; details of proposed erosion and sedimentation controls; and details of proposed water requirements, sources of water, usage and efficiency measures, wastewater management, stormwater management, spill containment and bunding;</li> <li>• <b>Greenhouse Gas &amp; Energy Efficiency</b> – including: <ul style="list-style-type: none"> <li>– a quantitative assessment of the potential scope 1, 2 and 3 greenhouse gas emissions of the project, and qualitative assessment of the potential impacts of these emissions on the environment; and</li> <li>– a detailed description of the measures that would be implemented on site to ensure that the project is energy efficient;</li> </ul> </li> <li>• <b>Traffic</b> – including details of traffic types and volumes likely to be generated and assessment of predicted impacts on road safety and the capacity of the road network (particularly during construction);</li> <li>• <b>Hazards and Risk</b> – including an assessment of the potential hazards and risks associated with the proposed project and risks to adjacent industries. A preliminary risk screening must be completed in accordance with <i>State Environmental Planning Policy No. 33 – Hazardous and Offensive Development</i> (SEPP 33) and <i>Applying SEPP 33</i> (DUAP, 1994), and where necessary, a Preliminary Hazard Analysis (PHA) undertaken;</li> <li>• <b>Flora and fauna</b> – including threatened species;</li> <li>• <b>Aboriginal Cultural Heritage</b>; and</li> <li>• <b>Cumulative Impacts</b> – including potential cumulative impacts (particularly from air quality, waste, water, noise and traffic) that may arise from the combined operation of the project, together with the operations within the broader context of the paper mill site.</li> </ul>
<b>References</b>	<p>The environmental assessment of the key issues listed above must take into account relevant guidelines, policies, and plans. While not exhaustive, the following attachment contains a list of some of the guidelines, policies, and plans that may be relevant to the environmental assessment of this project.</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 or affected landowners.</p> <p>In particular you must consult with the:</p> <ul style="list-style-type: none"> <li>• Office of Environment and Heritage;</li> <li>• NSW Department of Industry and Investment;</li> <li>• NSW Office of Water;</li> <li>• Roads and Traffic Authority; and</li> <li>• Albury City Council.</li> </ul> <p>The consultation process and the issues raised during this process must be described in the Environmental Assessment.</p>
<b>Deemed Refusal Period</b>	60 days



## Technical and Policy Guidelines

Aspect	Policy /Methodology
<b>Air Quality</b>	Protection of the Environment Operations (Clean Air) Regulation 2002 Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DECC) Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DECC) Guidance Note: Assessment of Non-Standard Fuels 2005 (DEC)
<b>Odour</b>	Technical Framework: Assessment and Management of Odour from Stationary Sources in NSW (DEC) Technical Notes: Assessment and Management of Odour from Stationary Sources in NSW (DEC)
<b>Noise</b>	NSW Industrial Noise Policy (DECC) NSW Road Noise Policy (OEH formerly DECCW) Environmental Noise Control Manual (DECC)
<b>Waste</b>	Waste Avoidance and Resource Recovery Strategy 2007 (DECC) Waste Classification Guidelines (DECC) Environmental Guidelines: Solid Waste Landfills 1996 (DECC) Environmental Guidelines: Composting and Related Organics Processing Facilities (2004) Composts, soil conditioners and mulches (Standards Australia, AS 4454) State Environmental Planning Policy (Infrastructure) 2007
<b>Soil and Water</b>	
<i>Soil</i>	Acid Sulfate Soil Manual (ASSMAC) Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites (ANZECC & NHMRC) National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPC) State Environmental Planning Policy No. 55 – Remediation of Land Managing Land Contamination - Planning Guidelines SEPP 55 – Remediation of Land (DUAP and EPA) Rural Land Capability Mapping Agricultural Land Classification
<i>Surface Water</i>	National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ) National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ) National Water Quality Management Strategy: Guidelines for Sewerage Systems - Effluent Management (ARMCANZ/ANZECC) National Water Quality Management Strategy: Guidelines for Sewerage Systems - Use of Reclaimed Water (ARMCANZ/ANZECC) National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMMC & AHMC) Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC)



	National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMCC & AHMC)
	Managing Urban Stormwater: Treatment Techniques (EPA)
	Managing Urban Stormwater: Source Control. Draft (EPA)
	Managing Urban Stormwater: Soils & Construction (Landcom)
	Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)
	NSW State Wetlands Management Policy (DWE)
	NSW State Floodplain Management Manual (DWE)
	NSW State Farm Dams Policy (DIPNR)
	Floodplain Risk Management Guideline: Practical Consideration of Climate Change (DECC)
	Technical Guidelines: Bunding & Spill Management (DECC)
	Environmental Guidelines: Use of Effluent by Irrigation (DECC)
Groundwater	National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC)
	NSW State Groundwater Policy Framework Document (DLWC)
	NSW State Groundwater Quality Protection Policy (DLWC)
	NSW State Groundwater Quantity Management Policy (DLWC)
	NSW State Groundwater Dependent Ecosystem Policy(DLWC)
	Murray-Darling Basin Commission. Groundwater Flow Modelling Guideline (Aquaterra Consulting Pty Ltd)
	Guidelines for the Assessment and Management of Groundwater Contamination (DECC) Draft
<b>Greenhouse Gas</b>	
	National Greenhouse Accounts (NGA) Factors 2008
	Guidelines for Energy Savings Action Plans (DEUS)
<b>Traffic and Transport</b>	
	Multi-Level Risk Assessment (DUAP, 1997)
	Guide to Traffic Generating Development (RTA, 2002)
	RTAs Road Design Guide (RTA, 1996)
<b>Hazards and Risks</b>	
	AS/NZS 4360:2004 Risk Management (Standards Australia)
	HB 203: 2006 Environmental Risk Management – Principles & Process (Standards Australia)
	State Environmental Planning Policy No 33– Hazardous and Offensive Development (SEPP 33)
	Applying SEPP 33: Hazardous And Offensive Development Application Guidelines (DUAP)
	Planning Advisory Paper No. 6 – Guidelines for Hazardous Analysis (DUAP)
	Planning Advisory Paper No. 4 – Risk Criteria for Land Use Safety Planning (DUAP)
	Planning for Bush Fire Protection (NSW Rural Fire Service)
<b>Biodiversity</b>	
	Draft Guidelines for Threatened Species Assessment under Part 3A of the Environmental Planning and Assessment Act 1979 (DEC)
	Threatened Species Assessment Guidelines: The Assessment of Significance 2007 (DECC)
<b>Heritage</b>	
	Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and

	Community Consultation (DEC)
<i>Non-Indigenous</i>	NSW Heritage Manual (NSW Heritage Office & DUAP)
	The Burra Charter (The Australia ICOMOS charter for places of cultural significance)
<b>Local Planning</b>	
	<i>Albury Local Environmental Plan 2010 (Albury City Council)</i>
	<i>Albury Development Control Plan 2010 (Albury City Council)</i>
	<i>Albury Industrial Hub Masterplan (Albury City Council)</i>

