



Planning

**Major Development Assessment**

**Industry**

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SYDNEY NSW 2001

Mr Matt Wentzel  
Operations Manager  
Cargill Beef Australia  
PO Box 166  
WAGGA WAGGA NSW 2650

Our Ref: 10/07446

Dear Mr Wentzel

**Cargill Beef Abattoir, Wagga Wagga  
Section 75W Modification Application (DA No. 220-07-2002-i MOD 5)**

I refer to your correspondence concerning a proposal to modify the development consent for the Cargill Beef Abattoir at Wagga Wagga, in the Wagga Wagga local government area.

I have attached a copy of the Department's requirements for the proposed modification. Please note that the Director-General may alter these requirements at any time.

If the project 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 Environment, Water, Heritage and the Arts in Canberra (6274-1111 or <http://www.environment.gov.au>) to determine if the proposal 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 2 weeks before you propose to submit the Environmental Assessment (EA) for the project to determine:

- the fees applicable (see Clause 245K of the EP&A Regulation);
- the consultation requirements; and
- number of copies (hard-copy and 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 authorities 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 EA to be hosted on a suitable website during the assessment process.

Please do not hesitate to contact Andrew Hartcher on (02) 9228 6503, should you have any enquiries regarding this matter.

Yours sincerely



Chris Ritchie

**Manager - Industry**

**Major Project Assessment**

As delegate of the Director-General

16/3/11.

# Director-General's Requirements

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

<b>Modification</b>	<p>Modification of the Cargill Beef Abattoir to:</p> <ul style="list-style-type: none"> <li>expand the existing treated wastewater irrigation operations on site to include the area known as 'CFA low' area (Lot 2 DP 700113) to the south of the existing irrigation area.</li> </ul>
<b>Site</b>	Cargill Beef Abattoir, Dampier Road, Wagga Wagga in the Wagga Wagga local government area (Lots 1, 2 & 4 DP 700113, Lot 1 DP 840624, Lot 6 DP 614169 and Lot 11 DP 814225).
<b>Proponent</b>	Cargill Beef Australia
<b>Date of Issue</b>	March 2011
<b>General Requirements</b>	<p>The Environmental Assessment must include:</p> <ul style="list-style-type: none"> <li>an executive summary</li> <li>a description of the following; <ul style="list-style-type: none"> <li>historical operations at the site;</li> <li>existing and approved operations/facilities, including all the statutory approvals that apply to these operations and facilities; and</li> <li>an assessment of the compliance of the existing operations against these statutory approvals; and</li> <li>the existing environmental management and monitoring regime on site;</li> </ul> </li> <li>a detailed description of the project, including the: <ul style="list-style-type: none"> <li>alternatives considered, including detailed justification for the preferred alternative (ie. the project);</li> <li>plans for any new works, both onsite and offsite;</li> <li>likely staging of the project; including site rehabilitation;</li> <li>the revised operations on site (incorporating the project);</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 all stages of the project, including any cumulative impacts, taking into consideration any relevant laws, policies, guidelines, and plans; and</li> <li>a description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of the project including detailed contingency plans for managing any significant risks to the environment;</li> </ul> </li> <li>a summary of the management plans and monitoring programs at the facility, and a description of the proposed changes to these plans/programs to accommodate the project;</li> <li>a statement of commitments, outlining the proposed environmental management and mitigating 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>;</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	<p>The Environmental Assessment must include an assessment of the following key issues:</p> <ul style="list-style-type: none"> <li>• <b>Soils and Water</b> – including: <ul style="list-style-type: none"> <li>– details of potential for soil, surface and groundwater contamination associated with wastewater irrigation;</li> <li>– details of the potential for flooding and any flood mitigation measures;</li> <li>– options to reduce the volume and improve the quality of wastewater to be disposed of via irrigation;</li> <li>– proposed wastewater management system including details of measures to monitor soil capacity, manage nutrient loading, salinity and water balance in soil and irrigated wastewater;</li> <li>– proposed erosion and sediment controls (during construction); and</li> <li>– stormwater management system (during operation).</li> </ul> </li> <li>• <b>Air Quality (including Odour)</b> – including: <ul style="list-style-type: none"> <li>– an assessment of the odour impacts generated from irrigation of treated wastewater;</li> <li>– measures to manage irrigated wastewater spray drift;</li> <li>– measures to ensure compliance with section 129 of the <i>Protection of the Environment Operations Act 1997</i>; and</li> <li>– an assessment of the potential impacts on any nearby sensitive receivers;</li> </ul> </li> <li>• <b>Waste</b> – estimates of the quantity, classification and quality of wastewater to be irrigated and how this waste would be stored, handled, processed and, if necessary, disposed of;</li> <li>• <b>Noise</b> – including construction and operation;</li> <li>• <b>Heritage</b> – including Aboriginal cultural heritage;</li> <li>• <b>Biodiversity</b> – including potential impacts on threatened species;</li> <li>• <b>Greenhouse Gas Emissions</b> – including: <ul style="list-style-type: none"> <li>– a quantitative and qualitative assessment of the potential scope 1 &amp; 2 greenhouse gas emissions of the project;</li> </ul> </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; and</li> <li>• <b>Cumulative Impacts</b> – including potential cumulative impacts (particularly odour, waste, soils and water) that may arise from the combined operations of the broader abattoir site.</li> </ul>
References	<p>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.</p>
Consultation	<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:</p> <ul style="list-style-type: none"> <li>• Department of Environment, Climate Change and Water;</li> <li>• Wagga Wagga City Council.</li> </ul> <p>The consultation process and the issues raised must be described in the Environmental Assessment.</p>
Deemed Refusal Period	<p>60 days</p>

## Technical and Policy Guidelines

Aspect	Policy /Methodology
<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
<i>Surface Water</i>	Agricultural Land Classification
	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, NRMMC & 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)
<i>Groundwater</i>	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>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)
<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>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>Noise</b>	
	NSW Industrial Noise Policy (DECC)
	Environmental Criteria for Road Traffic Noise (NSW EPA)
	Environmental Noise Control Manual (DECC)
<b>Heritage</b>	
	Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation (DEC)
	NSW Heritage Manual (NSW Heritage Office & DUAP)
	The Burra Charter (The Australia ICOMOS charter for places of cultural significance)
<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>Greenhouse Gas</b>	
	National Greenhouse Accounts (NGA) Factors 2008
	Guidelines for Energy Savings Action Plans (DEUS)
<b>Hazards and Risks</b>	
	AS/NZS 4360:2004 Risk Management (Standards Australia)
	HB 203: 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)