



Planning & Infrastructure

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Our ref: 10/017696

Mr Antony Taylor
Manager, Alternative Materials and Environment
Weston Aluminium Pty Ltd
PO Box 295
KURRI KURRI NSW 2327

Dear Mr Taylor

**Weston Aluminium Spent Potlining Processing Extended Trial
Director-General's Requirements
(DA-86-04-01 Mod 6 and 10397 Mod 4)**

I refer to your correspondence dated 28 March 2011 concerning your proposal to construct and operate a briquetting plant within Weston Aluminium's dross recycling facility at Kurri Kurri.

The Department has reviewed the proposed changes and considers that the proposed changes are not consistent with the Minister's approval and therefore requires a modification to the approval under section 75W of the *Environmental Planning and Assessment Act 1979*.

I have attached a copy of the Director-General's requirements for the project. These requirements have been prepared in consultation with other government agencies based on the information you have provided to date. Under Section 75F(3) of the Act, the Director-General may alter these requirements at any time. I have also attached a copy of the government authorities' comments for your information.

It is strongly recommended that you engage an appropriately qualified and experienced consultant to prepare the Environmental Assessment (EA).

I would appreciate it if you would contact the Department at least two weeks before you propose to submit the EA for the project. This will enable the Department to advise you on the number of copies (hard-copy and/or CD-ROM) of the EA that will be required.

Whilst it is noted we did not exhibit the previous 2 week trial, given the length, nature and potential impacts associated with the extended spent potlining processing trials, the Department has decided to place the Environmental Assessment on public exhibition for a period of at least 14 days.

Once the Department receives the EA, it 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.

If you have any enquiries about these requirements, please contact Emma Barnet on 9228 6550.

Yours sincerely

17.5.11

Chris Wilson
Executive Director
Major Projects Assessment

Director-General's Requirements

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

Application Number	DA-86-04-01 Mod 6 and 10397 1995 Mod 4
Modification	Spent potlining processing trials
Location	129 Mitchell Avenue Kurri Kurri
Proponent	Weston Aluminium Pty Ltd
Date of Issue	May 2011
General Requirements	The Environmental Assessment (EA) must include • an executive summary • a detailed description of the project including the: – need for the project – alternatives considered • consideration of any relevant statutory provisions • an assessment of the project in terms of the priorities and targets adopted under the NSW State Plan • a general overview of the environmental impacts of the project • a detailed assessment of the key issues specified below, and any other significant issues identified in the general overview of environmental impacts of the project (see above), which includes: – a description of the existing environment – an assessment of the potential impacts of the project including 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 Statement of Commitments, outlining environmental management, mitigation and monitoring measures • a conclusion justifying the project, taking into consideration the environmental impacts of the project, the suitability of the site, and any social, economic and/or environmental benefits that may arise as a result of the project • a signed statement from the author of the Environmental Assessment certifying that the information contained in the report is neither false nor misleading.
Key Issues	• Air Quality – including a comprehensive air quality assessment • Waste Management - including the quantity and classification of all liquid and solid waste to be generated by the modification and how this waste would be handled, processed and, if necessary, disposed of. • Hazards and Risk – including a Preliminary Hazard Analysis (PHA) in accordance with <i>Hazardous Industry Planning Advisory Paper No. 6 – Guidelines for Hazard Analysis and Multi-Level Risk Assessment</i> and details of fire/emergency measures and procedures. • Soil and Water • Traffic – including details of revised traffic movements both on and off site • Greenhouse Gas – including a quantitative assessment of the scope 1 and 2 greenhouse gas emissions of the project and an assessment of all reasonable and feasible measures that could be implemented to minimise the generation of greenhouse gas emissions associated with the project.

State Government Technical and Policy Guidelines - For Reference

Aspect	Policy /Methodology
Air Quality	
	• <i>Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DEC, 2005);</i> • <i>Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC, 2007)</i> • <i>Technical Framework: Assessment and Management of Odour from Stationary Sources in NSW (DEC, 2006)</i> • <i>Technical Notes: Assessment and Management of Odour from Stationary Sources in NSW (DEC, 2006)</i> • <i>Protection of the Environment Operations (Clean Air) Regulation 2002</i>
Waste	
	• <i>Environmental Guidelines: Assessment, Classification and Management of Liquid and Non-Liquid Wastes (DEC, 2004)</i> • <i>Environmental Guidelines: Use and Disposal of Biosolids Products (DEC, 2000)</i> • <i>Waste Avoidance and Resource Recovery : Strategy and Performance Report 2006. Consultation Draft (DEC,2006)</i> • <i>Environmental Guidelines: Solid Waste Landfills (DEC, 1996)</i> • <i>Technical guidelines: Bunding and Spill Management (DEC, 1997)</i> <i>[Note: These later two documents provide useful guidance on pond lining specifications.]</i>
Hazards and Risk	
	• <i>Criteria for Land Use Planning: Hazardous Industry Planning Advisory Paper No. 4 (DUAP, 1992);</i> • <i>The storage and handling of flammable and combustible liquids (Standards Australia, 2004, AS 1940-2004);</i> • <i>Bunding and Spill Management (DEC, 2001);</i> • <i>Applying SEPP 33: Hazardous And Offensive Development Application Guidelines (DUAP, 1997);</i> • <i>Multi-Level Risk Assessment (DUAP, 1997)</i> • <i>Hazardous Industry Planning Advisory Paper No. 3 – Environmental Risk Impact Assessment Guidelines (DUAP, 1996)</i>
Water Quality	
	• <i>National Water Quality Management Strategy: Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ, 2001);</i> • <i>National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ, 2000);</i> • <i>Using the ANZECC Guidelines and Water Quality Objectives in NSW (DEC, 2006);</i> • <i>Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC, 2004)</i>
Wastewater	
	• <i>National Water Quality Management Strategy: Guidelines for Sewerage Systems - Effluent Management (ARMCANZ/ANZECC, 1997)</i> • <i>National Water Quality Management Strategy: Guidelines for Sewerage Systems - Use of Reclaimed Water (ARMCANZ/ANZECC, 2000)</i> • <i>Environmental Guidelines: Use of Effluent by Irrigation (DEC, 2004)</i> • <i>National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMMC & AHMC, 2006)</i>

Traffic and Transport	
	• <i>Guide to Traffic Generating Development (RTA, 2002)</i> • <i>RTAs Road Design Guide (RTA, 1996)</i>
Greenhouse Gas	
	National Greenhouse Accounts (NGA) Factors 2008
	Guidelines for Energy Savings Action Plans (DEUS)