



Our reference: PART 3A DOC12/51275;
LIC06/15-09
Contact: Rebecca Akhurst 49086807

Department of Planning and Infrastructure
Mining and Industry Projects
GPO Box 39
SYDNEY NSW 2001
Attention: Ms Emma Barnet

31 DEC 2012

Dear Ms Barnet

**PROPOSED MODIFICATION TO WESTON ALUMINIUM DROSS RECYCLING FACILITY
DA-86-04-01-MOD 8 and 10397 of 1995-Mod 6**

I refer to your email of 3 December 2012 seeking comment from the Environment Protection Authority (EPA) regarding the proposal by Weston Aluminium Pty Ltd (Weston) to modify the Department of Planning and Infrastructure's development consent and the Land and Environment Court's consent to conduct the processing of up to 3000 tonnes of a mixture of both first cut and second cut Spent Pot Lining material (mixed SPL) in existing rotary furnaces over a 12 month period.

I also refer to the attached letter from Weston dated 30 November 2011 providing an overview of the proposed trial and an environment assessment.

The EPA has reviewed the documentation provided and has no objection to the project proceeding as described in the documentation and in accordance with the recommended conditions of approval provided at Attachment A of this letter.

Weston will need to make a separate application to the EPA to vary Environment Protection Licence (EPL) No. 6423 to authorise the receipt of mixed SPL at the licensed premises if the project is approved. Weston may also need to vary the licence held under the *Environmentally Hazardous Chemicals Act 1995* to authorise the trial. The existing licence conditions relating to the storage and handling of SPL materials will continue to apply.

Please contact Rebecca Akhurst on (02) 4908 6807 if you wish to discuss this matter further.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Karen Marler', written over a horizontal line.

KAREN MARLER
Head Regional Operation Unit – Hunter
Environment Protection Authority

Enclosure: Attachment A - EPA Recommended conditions of approval – Weston Aluminium mixed SPL Processing Trial.

ATTACHMENT A

EPA RECOMMENDED CONDITIONS OF APPROVAL FOR WESTON ALUMINIUM PTY LTD MIXED SPL PROCESSING TRIAL

1. The mixed first cut spent potlining material and second cut spent potlining material (mixed SPL) processing trial must be conducted as described in development application DA-86-04-01-MOD 8 and 10397 of 1995 Mod 6 and the letter from Weston Aluminium Pty Ltd dated 30 November 2012 accompanying the development application and the conditions below.
2. The proponent must notify the EPA at least one week prior to the commencement of the mixed SPL processing trial of the date and time the trial will commence. This notification must be made to EPA's Newcastle office by phoning (02) 4908 6800, or by facsimile to (02) 4908 6810, or by email to newcastlerequest@epa.nsw.gov.au.
3. During the mixed SPL processing trial, parameters that must be monitored and/or recorded must include, but need not be limited to, the following:
 - a. The names, contact details and qualifications and experience of the person(s) conducting and supervising the trial;
 - b. All process conditions for the trial - including quantity of mixed SPL, the proportion of first and second cut spent potlining material constituting the mixed SPL being processed at any one time, the proportion of cullet, iron oxide and other additives per batch, temperature profile of the rotary furnace during each trial batch; residence time of mixed SPL within the rotary furnace and quantity of lime and lime dose rate used for emissions treatment;
 - c. Air quality monitoring must be conducted at EPL 6423 discharge and monitoring Point 1 as specified in EPL 6423 and must include the following additional pollutants and/or parameters: fine particulates; chlorine; particulate fluoride; polycyclic aromatic hydrocarbons; volatile organic compounds; Type 1 and Type 2 substances; cyanide; oxygen; stack gas velocity; volumetric flow rate; temperature and gas density. All air quality emissions testing must be completed in accordance with the EPA's *Approved Methods for the Sampling and Analysis of Air Pollutants in NSW*.
 - d. For the 12 month duration of the trial all air quality monitoring at EPL 6423 Point 1, including the additional parameters listed in 3c. above, must occur on a quarterly basis and when mixed SPL material is being processed, with the exception of gaseous fluoride which must be monitored continuously.
4. Within 90 days of the completion of the mixed SPL processing trial, the proponent must submit an air quality monitoring report, which details the results of air emissions testing conducted during the mixed SPL processing trial, to EPA's Regional Manager Hunter at PO Box 488G, Newcastle 2300.

Definitions:

First cut spent potlining material – means spent potlining material from the carbon cathode generated during the de-lining of electrolytic cells used in primary aluminium production.

Second cut spent potlining material – means spent potlining material from the refractory lining of the electrolytic cells used in primary aluminium production.