



The Mine Environmental Scientist
Huntly Minesite
Alcoa of Australia Ltd
PO Box 84 Waroona, WA 6215

Attn: Ms D Cronin

Dear Debbie,

Extended use and monitoring program for Reynolds Soil Technologies “RT9” as a water extender / dust suppressant on haul roads) at Alcoa’s Huntly and Willowdale minesites

Thank you for your letter of 30 August 2002 on the above topic. We note your advice that during the RT9 trials conducted over the past 4 years that ARL detected no acrylamide in water samples taken from road sumps or dosing station areas.

The Commission is pleased to approve the use of “RT9” at Alcoa mine-sites within the following public drinking water source catchments and Water Reserves;

- Serpentine Dam Catchment Area;
- North and South Dandalup Dam Catchment Areas;
- Conjurunup Creek Catchment Area;
- Samson Brook Catchment Area; and
- Murray River Water Reserve

subject to the following conditions;

- a. The material shall only be used on minesite haul-roads and cleared mining activity areas for dust suppression as part of Alcoa’s water efficiency programme.
- b. The RT9 shall conform to the MSD sheet (April 1999) and specification previously provided by Reynolds Technologies to the Commission.
- c. The dust suppressant will only be applied during the months of October through to May. It should not be applied during or following rainfall until the treated surface has dried out.
- d. All water run-off from RT9 treated areas shall pass through well maintained sediment settling sumps with a design capacity to handle a 20 year return frequency storm event, prior to discharge into natural waterways.

- e. Alcoa shall immediately notify the Water Corporation and the Water and Rivers Commission in the event of any significant chemical spill or adverse effect associated with the operation. The report shall be accompanied by a proposal for remedial action to be taken and its anticipated time-line.

Please contact Peter Ryan at this office if you wish to discuss any of the conditions or require clarification.

Yours faithfully

Tony Laws
Manager,
Resource Quality Branch
26 September 2002

- cc. 1. Regional Manager , Water & Rivers Commission
South West region, Bunbury)
2. Supervising Engineer, Source Protection
Water Corporation, Leederville

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