

29 January 2015



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Head Regional Operations Unit  
Environment Protection Authority  
PO Box 513  
Wollongong, NSW, 2520

Attn: William Dove,

Dear William,

### **ENVIRONMENTAL PROTECTION LICENCE (EPL 2504): PRP21 and PRP22**

As required by Condition U4 and U5 of Environmental Protection Licence 2504, please find below the outcomes of work undertaken to meet the requirements of Pollution Reduction Programs 21 and 22 respectively.

#### **Pollution Reduction Program 21**

This PRP required Endeavour Coal to implement the following 'best practice' dust control measures:

- Finalise and implement the Dust Forecast Ranking for predictive forecasting of adverse weather conditions;
- Retrofit water tankers so that a minimum of 2 tankers are available with a water cannon to spray stockpiles and coal loading areas during adverse weather conditions; and
- Continue the trial of haul road resurfacing with stabilising waste material including pulverised coal wash reject.

All of the above measures have been implemented, the details are provided in the table below.

Dust Control Measure	Implementation Details
<b>Implementation of Dust Forecast Ranking System</b>	<p>Notification of adverse weather condition (trigger point: wind speeds &gt; 40km/hr) are received by a number of personnel at the West Cliff site, listed below:</p> <ul style="list-style-type: none"><li>— Environmental Superintendent;</li><li>— Environmental Supervisor;</li><li>— Emplacement Operations Manager (Contract Role);</li><li>— Emplacement Operations Supervisor (Contract Role);</li><li>— Emplacement Operations Leading Hand on-shift (Contract Role); and</li><li>— Logistics Supervisor.</li></ul> <p>The Emplacement Operations Manager (or delegate) reviews the notifications and assign sufficient resources (including deployment of up to two water carts) based on the forecast conditions. The process has been incorporated into the Daily Emplacement Inspection documents (Ref: 14-04-02C and 14-04-03C).</p>
<b>Retrofit two water tankers with water cannons</b>	<p>The site has two water carts fitted with water cannons. The deployment of the second watercart occurs if deemed appropriate following the assessment of the forecast weather conditions (as per process above).</p> <p>The water carts are managed through the Emplacement Contractor.</p>
<b>Haul Road Resurfacing</b>	<p>The following internal haul roads have been resurfaced with the stabilised waste material:</p> <ul style="list-style-type: none"><li>— Front Road (ie. entry road to Stockpile 3);</li><li>— Middle Road (ie. main haul road between Stockpile 1 and 2/3); and</li><li>— Back Road (ie. main haul between Stockpile 3 and Road Reveal).</li></ul> <p>A plan showing the location of these roads is provided as Attachment 1.</p>

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**Pollution Reduction Program 22**

This PRP required Endeavour Coal to undertake an investigation to:

- Quantify the amount of dust tracked out from the West Cliff site;
- Determine the effectiveness of the present dust control measures in reducing track out from the West Cliff site; and
- Identify further options to reduce the amount of coal dust that is tracked out on to Wedderburn and Appin Roads by trucks exiting the West Cliff site.

The investigation has been completed; please find enclosed a copy of the Investigation Report.

If you have any questions or would like to discuss further, please do not hesitate to contact me on (02) 4286 3394.

Yours Faithfully,



Scott Coleman  
Manager Environment

**Attachments:**

- Attachment 1: Haul Road Resurfacing Map
- PRP22 Investigation Report

# ATTACHMENT 1

Haul Road Resurfacing Map (showing areas completed as at 29 January 2015)

