



DOC17/543108

Ms Lauren Evans  
A/Senior Planning Officer – Resource Assessments  
NSW Department of Planning and Environment  
GPO Box 39,  
SYDNEY 2001

7 November 2017

Dear Ms Evans

By Electronic Mail

**Haerses Road Sand Quarry - Supplementary Response to Submissions,  
Air Quality Assessment**

The Environment Protection Authority ("EPA") has reviewed the Supplementary Response to Submissions, notably the supplementary air quality assessment prepared by Pacific Environment in response to the EPA's concerns in regards an exceedance of PM10 24 hour average criterion for the proposed expansion of the extraction area of the Haerses Road Sand quarry, Maroota ("the premises").

The EPA notes the results of the revised 24 hour average PM10 concentrations at Receptor 6 including project contribution and background concentrations.

If the NSW Department of Planning and Environment gives its consent to the proposed development, the EPA recommends the following Conditions of Approval:

**Operations**

1. The premises is limited to extracting 250,000 tonnes per annum of Tertiary Maroota Sand.

**Air Quality Management Plan**

2. For all emission sources at the site the proponent must prepare and implement an air quality management plan that includes best practice proactive and reactive management measures. The air quality management plan must, as a minimum, include the following parts:
  - *Site specific benchmarking of emission controls with best management practice;*
  - *Key performance indicator(s);*
  - *Monitoring method(s);*
  - *Location, frequency and duration of monitoring;*
  - *Record keeping;*

- *Response mechanisms; and*
  - *Compliance reporting.*
3. The air quality management plan must be implemented prior to the commencement of any dust generating activities associated with the proposed modification.

**Dust**

4. All operations and activities occurring at the premises must be carried out in a manner that prevents and minimises the emission of air pollutants from the premises;
5. The premises must be maintained in a manner that prevents and minimises the emission of air pollutants;
6. Unsealed roads must be kept moist at all times with the use of dust suppressants;
7. Trucks must be limited to 20km/hr on all unsealed haul roads;
8. Dust suppression must be used to prevent particulate emissions from stockpiles, exposed areas and other dust generating sources;
9. Vegetative ground cover must cover all inactive exposed areas;
10. Wind screen fences must be used around all stockpiling and extraction areas;
11. Boom tip water sprays must be utilised at conveyor transfer points;
12. Stockpiling must be undertaken over an area that does not exceed 0.42 Ha;
13. Extraction must not take place over an area exceeding 13.1 Ha; and
14. Trucks entering and leaving the premises that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading.

If you have any questions in regards the attached, please contact Jacqueline Roberts on (02) 9995 5259.

Yours sincerely



**Christine Mitchell**  
**A/Unit Head, Sydney Industry**  
**Environment Protection Authority**