



WHITEHAVEN COAL

MAULES CREEK COAL PROJECT FACT SHEET

AIR QUALITY

KEY POINTS

- Leading independent air quality consultants Pacific Environment Limited (PEL) (formerly PAEHolmes) conducted an Air quality and Greenhouse Gas Impact Assessment to assess the likely impacts of the Maules Creek Coal Project.
- Whitehaven is in ongoing discussions with neighbouring landholders whose land has been predicted to experience air quality levels greater than the relevant criteria in relation to their rights under the Project Approval conditions.
- Whitehaven has made adjustments to its mine plan and mining methods to minimise any adverse air quality impacts to surrounding neighbouring properties.
- Whitehaven in conjunction with the neighbouring Boggabri Coal Mine and Tarrawonga Coal Mine will implement a leading practice real time monitoring network that will monitor impacts and generate alarms so that the three mines can proactively manage its operations to minimise adverse effects.
- The NSW Planning Assessment Commission noted within their Determination Report that *"the Commission considers that the air quality aspects of the project are adequately addressed by the equivalent conditions in the Boggabri Coal Project approval. These have therefore been adopted in this approval."*

- Whitehaven has designed its mine plan to minimise adverse air quality impacts to neighbouring properties, including committing to apply leading practice dust suppression on frequently used haul roads.
- Leading independent air consultants PEL conducted an Air Quality and Greenhouse Gas Impact Assessment for the Maules Creek Coal Project, in accordance with relevant Government procedures and policies.
- To assess the effect dust emissions may have on air quality, the modelling results for the indicative worst-case modelled years were compared to existing air quality monitoring data.
- Whitehaven is in ongoing discussions with neighbouring landholders whose land has been predicted to experience air quality levels greater than the relevant criteria in relation to their rights under the Project Approval conditions.
- The Air Quality and Greenhouse Gas Impact Assessment confirmed that the transportation of coal by rail will have no significant impacts on properties along the rail spur. Whitehaven is committed to implementing best practice coal loading and profiling and other measures to minimise any dust emissions from coal transportation by rail.
- Whitehaven, in conjunction with the Boggabri Coal Mine and Tarrawonga Coal Mine will implement a leading practice real time monitoring network (RTMN) that will monitor impacts and generate alarms so that the mines can proactively manage its operations in order to keep air quality emissions below the relevant criteria at neighbouring properties.



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- The RTMN will have predictive capabilities that will enable the mines to manage operations based on forecast weather conditions to avoid impacts on surrounding properties.
- The RTMN will monitor air quality levels on a cumulative basis, which will assist Whitehaven and the neighbouring mining operations to manage air quality cooperatively.
- Whitehaven has developed an Air Quality Management Plan for the Maules Creek Coal Project to ensure dust mitigation measures are in place from the initial construction phase to reduce air quality impacts, including (but not limited to):
 - Minimising haulage distances and disturbance areas;
 - Using wind activated automated water sprays on coal stockpiles and motion automated water sprays on transfer points;
 - Employing water or a dust suppression product on all active haulage routes;
 - Revegetating disturbed areas as soon as possible; and
 - Cumulative management initiatives with neighbouring mines.

