

Minimising Dust

Information Sheet

Air quality

We know that air quality is an important issue to people in our community and Rocky Hill Coal Project has been amended to further minimise and effectively manage air quality impacts.

Impacts on air quality

Air quality in our community is already impacted by traffic on unsealed roads, unsealed areas, agricultural and domestic activities, other developments in the local area and general dust from more distant sources carried by the prevailing winds.

Extensive Monitoring

Since 2010 we have been collecting data on air quality. The Rocky Hill Coal Project is one of only a handful of Australian projects using the latest technology to monitor PM2.5 dust levels as part of their baseline investigations. Programs include:

- monitoring of deposited dust at eight locations
- monitoring PM10 dust levels using two permanent high volume air samplers that gather information over a 24 hour period every six days, one within and one next to the Rocky Hill Project Site
- real-time, continuous monitoring of PM10 and PM2.5 dust levels using two Tapered Element Oscillating Microbalance (TEOM) units, one adjacent to the Avon River Estate and the other, off Fairbairns Road.

We also have a permanent weather station on our Site.



The Rocky Hill Coal Project will be a comparatively small, modern, open cut mining operation that, if approved, will bring jobs and other economic benefits to people of the Gloucester area.

Our Project Team is committed to working with the local people and Government regulators by providing accurate information and developing partnerships to enhance our community.



More Information

This project information sheet is one of a number developed on topics that the community has told us are of importance to them. For more information about the Project and copies of other sheets please visit www.rockyhillproject.com.au

Printed on environmentally friendly paper.

Minimising impacts on air quality

We have been using the background monitoring data and sophisticated computer modelling to assist in project design to ensure air quality impacts satisfy the criteria set by the NSW Environment Protection Authority. Safeguards will be consistent with or exceed those identified in the *NSW Coal Mining Benchmarking Study: International Best Practice Measures to Prevent and/or minimise Emissions of Particulate Matter from Coal Mining*, which are considered best practice for coal mining operations.

Key air quality control measures will include:

- the location of key facilities and activities to reduce dust impacts
- controlling dust at its source through collection or suppression
- limiting the disturbance areas exposed at any one time
- suppression of dust on internal roads and activity areas using water and dust suppressants
- delaying a blast if unfavourable weather prevails

The air quality model will include dust generated by the Rocky Hill Coal Project as well as from the Stratford Mining Complex.



At the height of the project the maximum predicted dust increase to the nearest resident will be less than one fifth of what is currently in the atmosphere.

More Information

This project information sheet is one of a number developed on topics that the community has told us are of importance to them. For more information about the Project and copies of other sheets please visit www.rockyhillproject.com.au

Printed on environmentally friendly paper.