

# AIR QUALITY

Anglo American works hard to effectively manage and protect our surrounding environments and reduce the impacts of our operations on our local communities.

Maintaining a high standard of air quality is essential to the health and safety of residents in our mining communities. To deliver this we have developed Air Quality Management Plans to understand, measure and reduce potential air pollutants.

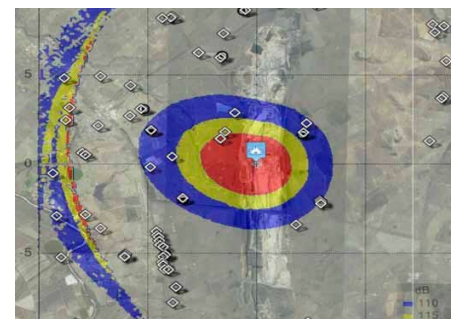
We have undertaken a number of environmental projects and initiatives as part of our Air Quality Management Plans to maintain air quality around our operations. This has included:

- Real time air quality monitoring to better understand the location and nature of impacts;
- Monitoring meteorological conditions to determine the best blasting conditions;
- Using chemical sealants and recycled water on roads to avoid dust generated by vehicles;
- Using water sprays on coal stackers and drills to suppress dust;
- Vegetating rock waste dumps to prevent wind erosion;
- Minimising land disturbance by completing progressive rehabilitation;
- Utilising natural land barriers to minimise light pollution; and
- Maintaining equipment to the highest standard to prevent excessive emissions.



## PREDICTIVE BLAST MONITORING

At our Dawson mine in the Queensland Bowen Basin and Drayton mine in the New South Wales Hunter Valley, we implemented a Predictive Blast Impact Modelling system to forecast potential air blast overpressure, vibration, blast fume and dust impacts in advance of blasting. This modelling system uses local geography and meteorological conditions to determine the ideal conditions for blasting and our blasting schedule is developed in response to this information.



We also use the system to predict rainfall events and high winds which allows planning for controlled burning and general weather forecasting.

Anglo American is committed to the highest standards of environmental performance. Our aim is to minimise environmental harm in exploration, construction, operation and closure of our mines in an environmentally responsible and sustainable way.

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