



Project Update

Number 3

Coal Loss Management Project

December 2007

The dust monitoring schedule is progressing well with the second phase underway. The consultants now have monitoring equipment in the Goonyella system at Hay Point and Grass Tree.

Environmental Evaluation (EE)

Initial dust monitoring results from Phase One have been received from the consultants, Connell Hatch, indicating Queensland Rail Network Access (QRNA) is below EPA set standards.

Despite the results, a number of dusty trains have been recorded and the consultants will now analyse the degree of nuisance this dust is causing to the community.

The dust levels are variable with some correlation between train movements and higher dust levels. Though, not all trains influence dust levels in the same way. On some occasions dust levels do not change substantially in response to a train movement, whilst on other occasions the response is more substantial.

Dust monitoring has been established in close proximity to passing coal trains to assist the consultants to develop a more detailed understanding of the factors and circumstances that can contribute to coal dust emissions.

Detailed information on the movement of coal trains passing the monitoring equipment is also being recorded and will be analysed in conjunction with the dust measurements.

Meteorological conditions are also being measured in conjunction with the trackside dust levels.

There has been significant development towards conducting a trial to test the coal loss from the underside of wagons. These tests are due to start in early Jan 08.



Garden-bed profile



Suppressant sprays

Wind Tunnel Study

Part one of the wind tunnel study has been completed. Testing was conducted on a 6 wagon scale model at the University of Sydney to determine the effect the train and coal load geometry has on flow patterns around the train.

The focus will now be on testing a variety of suppressants.

Surface veneer chemicals to be used in the suppressant tests will be selected from products which have demonstrated an ability to minimise dust lift-off from the surface of coal stockpiles under adverse weather conditions, including high wind speed.

Community Engagement

QRNA has been represented at the Gladstone Air Industry Network (GAIN) and the Environmental Advisory Committee (EAC) in Gladstone.

Community feedback to the Coal Loss Management Project webpage has been passed on to the consultants.

Stakeholder Engagement

QRNA, in consultation with the Queensland Resources Council (QRC), will conduct an industry-wide survey on coal dust mitigation options.

The survey will be emailed to the coal supply chain partners by the end of January. The results will help QRNA identify which coal dust mitigation options industry views as being the most practical and cost-effective.

Have your say:

QRNA encourages feedback from the community. The information collected on coal loss will contribute to the consultants' evaluation of coal loss in Central Queensland. If you would like to register feedback about coal loss in your area please fill out the form below and mail to **Coal Loss Management Project, GPO Box 1429, Brisbane QLD 4001**, or call us on **07 4932 0268**.

Alternatively email: coalloss@qr.com.au .

Have Your Say

Mail to: Coal Loss Management Project, GPO Box 1429, Brisbane Qld 4001.