

**Client:**

Jellinbah Coal

**Main Contractor:**

Jellinbah Mine

**Specialist Sub-contractors:**

SEALS Group

**Project description:**

Stabilisation and dust control

Haul road 'F'

**Location:**

Bluff, Qld

**Date:**

Oct 2011

**Product:**

DustChek

For detailed project information  
contact:

SEALS Group

143-157 Harrison Road

Cedar Vale

Qld, 4285

Australia

Ph. 61 7 5543 1053

Ops manager - 0414 185 493

[info@seals-group.com](mailto:info@seals-group.com)[www.seals-group.com](http://www.seals-group.com)

## Project Facts

### Haul road stabilisation and dust control

**Problem:**

Typical problems associated with a high volume over burden road. Large trucks on a 1.5 Klm run from pit to dump. There are issues keeping water up to the road for dust control and surface stability, further problems with stoppages after rain events and constant grader work for repairs and general maintenance.

**Solution:**

Stabilise with DustChek using onsite grader and trucks for compaction. The stabilised wear course is re-workable is easily managed by maintenance crews and reduces dust watering considerably. Further benefits to stabilisation are smoothness of ride which reduces tyre flexing and fuel consumption as well as delivering a high resistance to running course displacement. Polymer stabilisation also produces a highly water resistant surface.

**Project Aims Achieved:**

1. Water resistant surface means less downtime after rain
2. Average dust watering interval has increased from 73 min to 6 hours
3. Strengthened wear course resists deformation and displacement
4. Grading/maintenance interval has been increased considerably
5. Smoother more easily maintained road



Stabilised

Re-workable

Less watering for dust

Water resistant

Improved productivity

Less tyre wear

Less fuel

Cost negative solution

All weather surface