

COMPRESSION BEST PRACTICE

GRT – Polymer Dust Suppression



Global Road Technology Dust Suppression has been a continuing requirement on all Central 3 + 1 sites with major issues including HSSE, Social Performance, Plant Resourcing, Water sources and Cost.

Global Road Technology an alternative to watering has been trialled on Gaspers Rd, a newly constructed Council Rd that leads to McNulty FCS. The road was being used by only QGC Traffic to the FCS and adjacent Ponds both in the Bulk Earthworks phase. The Road had to be watered hourly even at low speed limits to maintain dust.

Global Road Technology dust suppression GRT7000 was applied on 20/06/13 and 2 weeks after the road has not needed ANY watering, saving approximately \$2000/day, no Community complaints, no long distance hauling of suitable quality water and no road safety issues through poor visibility. There is no sign of the pavement degrading and it expected watering will not be required between applications of 8 to 10 weeks.

QGC Roads – Upstream Projects managed the application. They expect to use at most 2L/m²/year.

From a calculation based on managing a truck fleet for standard dust suppression vs using the additive and removing the fleet they estimate for our roads a cost saving of 37%.

Short term use i.e. weeks it is not as cost effective. Longer term use i.e. months the cost savings become very apparent.



Global Road Technology Australia Pty Ltd

1-5 Union Circuit, Yatala
South Brisbane. Queensland 4207

Head Office: (+61) 7 56678550

Fax: +61 7 55 919 555

www.globalroadtechnology.com