# Haul Road Dust Control Spray Systems



The Haul Road Spray System provides automated, high frequency, light watering of the haul road to prevent dust lift off. It does it without the high labour or equipment costs associated with water tankers.

## Benefits

- Reduce costs (minimal ongoing costs)
- High level of control of application rates and application frequencies
- Natural intermittent / spaced watering
- Easy integration with mine systems
- Can be easily extended or modified

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#### Features

- Fully automated operation
- Road widths from 5m to 50m
- Can use most water types
- PLC based control system
  - Fully customisable
  - Can use site standard PLC brands & models
- Single 4 core cable controls complete system
- Control system uses Extra Low Voltage
- Unlimited control system length
- Mining grade sprinklers and valves

## **Increased Control**

- Can control the amount of water delivered by changing the run time of sprays
- Can easily change the system run frequency
- Can deliver different amounts of water on different parts of the haul road
- Day of week and hour of day variable control

# Options

- Weather Station based automatic program adjustment
- Integration with site Citect or SCADA systems
- Sprays pause when vehicles pass
- Chemical dosing system integration to reduce water usage
- Solar powered control system
- Web based reporting
- SMS reporting notification and control