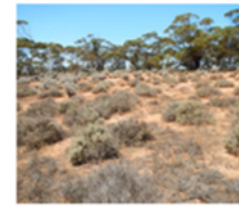


Dust Management – Mining Areas

What are the impacts of fugitive dust?

- Vegetation health
- Fauna habitat
- Third party property damage
- Reduced visual amenity
- Complaints
- Regulatory attention /penalties



Side by side comparison highlights the obvious difference in vegetation colour between impact and control sites.

What are the regulatory requirements?

Our PEPR (Programme for Environmental Protection & Rehabilitation) requires SIMEC Mining to control dust to prevent impacts on property and to monitor impact.

'No vegetation health impacts to neighbouring properties from dust generated by mining activities'

'No permanent loss of abundance or diversity to native vegetation through clearance, dust on or off the tenements, unless prior approval under legislation is obtained'

'Compliance with the mines FDR Standard'

'Complaints of dust emissions are investigated & all corrective actions are close within 30 days'

What are our significant dust sources & associated controls?

Dust Source	Controls
Crushing / Screening	- multi-zone atomising sprays - dust suppressant chemicals - hoods and covers - procedures
Haul Roads / Unsealed Roads	- water carts - dust suppressant chemicals applied to haul roads
Load	- minimise drop height - precondition shot - consider wind direction
Haul	- water carts - dust binding chemicals
Stockpiles	- water cannon - dust binding chemicals
Train Loading	- procedures - dust binding chemicals
Mining and Open Areas	- procedures - water carts - open areas minimised
Top Soil Clearing	- winter - precondition soil - cap with fresh water

Dust monitoring-

- Vegetation impact monitoring
- Dust Deposit Gauges
- FDR Rankings



Elevated dust levels can be a source of environmental, safety & health hazards.

Fugitive Dust Ranking Standard-

A simple standard that utilises an illustrated table that all personnel can use to rank dust emission levels & provides clear instruction for corrective action

Whose responsibility is it?

EVERYONE is responsible for dust management

Each plant area is responsible for:

- determining sources of fugitive dust emissions
- implementing control measures
- checking & ensuring dust control measures are effective

What can you do?

- Carry-out regular FDR observations
- Immediately respond with EMP controls
- Report incidents as required