

Appendix D

Construction Dust Management Plan

Environmental Aspect:

AIR QUALITY and DUST

- Potential Impacts:** Construction activities increase dust in the atmosphere affecting local air quality (neighbors, public and workers)
- Site specific impacts:** As above
- Objectives:** Minimise the creation of dust and emission of fumes in order to reduce the nuisance, health risks and loss of amenity
- Measurable Target:** Receive no complaints
- Environmental Protection:** All controls listed below are implemented to ensure our conformance with the: Environmental Protection (Air) Policy 2008 (QLD) and National Health and Medical Research Council Guidelines 1985(Cwth)

Element	Control Measure	Responsibility
Equipment	Maintain equipment to minimise exhaust fumes	Site Manager & Supervisors
Cartage	Trucks carrying dusty materials on public roads to have their loads covered	
	Trucks to have sound tailgates and mud flaps in good condition	
Stockpiles	Stockpiles will be maintained at minimum amounts where possible (topsoil max is 2m)	Site Manager & Supervisors
	Cover any stockpiles that generate dust (if wetting or vegetating are unsuccessful)	
Site	Minimise the areas that are stripped	
	Ensure traffic keeps to the site speed limit, and slows down in dusty conditions; do not enter clouds of dense dust	
	Place gravel on roads as quickly as possible	
	Use water for dust suppression (dry areas, high traffic volumes, high activity areas)	
	No fires	
	Coordinate activities to minimize exposure to dust caused by other activities (work upwind of dust creating activities, where possible)	
	Site traffic keeps to marked/formed roads	
	Place rubble on exposed roads as quickly as possible	
All public roads to be used for project deliveries to be sealed		
Monitoring	Visual monitoring of dust generation for project activities. Implement, monitor and periodically review effectiveness of dust controls as specified above. Dust deposition gauge(s) will be installed on site to monitor dust emissions. All reasonable measures will be undertaken to ensure emissions do not exceed 4 grams per metre squared per month.	
General	All other issues to be handled in accordance with the Mt. Emerald Wind Farm Traffic Management Plan	

INSPECTION

Inspections are recorded on Form SF-06 *Site Inspection*
 Form SF-06 or SF-48 *QSE Improvement Register* are used to track actions
 Inspections are done weekly/fortnightly for most inspection points

Inspection Point	Responsibility
Equipment: exhaust fumes not excessive	HSEA
Cartage: Trucks are not depositing material on roads, or generating dust : Public roads are not muddy or dusty : Trucks speeds are consistent with minimising dust : Truck stop operating in poor visibility	
Stockpiles: Not generating dust	