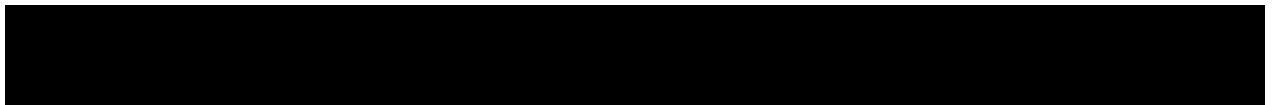




Aglime of Australia

SCREENING DUST MANAGEMENT PLAN (SDMP)

Lancelin



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Purpose

The purpose of this Screening Dust Management Plan (SDMP) for Westdeen Holdings Pty Ltd's Lancelin Operations is to establish and maintain effective dust management for proposed screening activities using a screen and stacker on site.

Location

The screen and stacker will be used to screen areas highlighted in yellow in the map below. The residences in Lancelin town are the closest sensitive receptors.



Approved Mining Area (red) and Screening Locations (yellow)

Operating Hours

The screen will only be operated during daylight hours between 7AM and 6PM, from Monday to Friday and Saturday morning until midday.

Equipment

Our head contractor Lancelin Sands have Caterpillar 966 wheeled loaders, a mobile McCloskey S190 screener and a mobile Edge FTS15 stacker. The loader will dig sand and vegetation from the sand face and load the screener, which will then drop the screened sand into the stacker which will then form a stockpile of clean sand to be later loaded into trucks.



McCloskey S190 Screener



Edge FTS15 stacker

Climate

Summer temperatures often range from the mid-20s to mid-30s °C, with prevailing afternoon sea breezes from the southwest. Winter months bring moderate rainfall, primarily between May and August.

Dust Sources and Controls

There is no grinding or crushing on site, so any dust will be the same sand particles that make up the sand dunes which slowly move in a north-east direction about 10m per year.

Source of Dust	Control Measure
Truck movements on unsealed roads	Water carts may be used during periods of elevated dust generation, such as windy conditions or increased traffic volumes.
Loading sand into the screener	Operators are instructed to drop sand from low heights where practicable to minimise visible dust lift-off.
Feeding stacker from screener	Equipment is positioned to minimise drop distances and reduce airborne dust emissions.
Forming the stockpile	Stockpiles are progressively formed in a controlled manner to reduce unnecessary rehandling and dust exposure.
Wind erosion from stockpiles	Stockpiles are located in naturally sheltered areas where possible and are managed to minimise exposure to prevailing winds.
General operations in adverse weather	Screening activities may be paused or reduced during periods of strong winds or unfavourable weather conditions, at the discretion of the supervisor.
Ongoing site awareness	Site personnel are made aware of dust management principles through informal inductions and toolbox discussions.
Natural topography use	Existing dunes and vegetation are used to naturally shield sensitive receptors from wind-blown dust.