

MFF/sb/900-33-76

29 February 2024

Environment & Resources Authority
Hexagon House
Spencer Hill
Marsa

Attention: Leon Tonna

Dear Sir,

Re: EP/01323/23

Further to the Application for an Environment Permit relating to EP/01323/23, below is a list of dust mitigation measures pertaining to the site subject to this EP.

Dust Mitigation Measures

The main principles for the prevention of dust emissions in this case are avoidance of dust, containment of dusty processes and suppression of dust. Below is a list of measures which aid in the prevention of dust emission and of dust being carried by the wind onto adjoining properties and the environment. Dust disturbance due to vehicle movement is also being proposed.

Generally, excavated material will have a higher water level and the prominent level of humidity within the material will decrease the extent of dust emissions during crushing. Extraction of minerals occurs towards the lowest levels of the site; this reduces the chance of wind exposure and reduces dust dispersion.

Avoidance/containment

- The positioning of external processing operations is sheltered from wind.
- All material entering and/or leaving the site is to be covered.
- Stockpile height to be retained below surface rock levels to ensure and minimize dust mitigation.
- Any spillages on roads in the immediate vicinity of the site are to be cleared up instantly.

Suppression

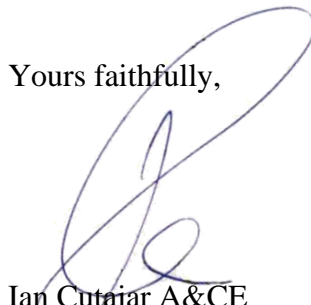
- Drop heights from conveyors are to be kept to a minimum.
- All operations are to be halted during severe wind events.
- No operations when wind direction is between SW-W and NW-NE with a wind force exceeding 4 on the Beaufort Scale (28kmph) due to residences in the vicinity.
- Operator procedures should prioritize site and machinery cleanliness prevent dust accumulation and material dropping on roads, further minimizing windblown dust.
- The crusher is kept within the lower levels of the quarry to reduce chances of wind exposure.
- Since the crusher is located lower than the surrounding third-party and road levels and will not be used on windy days (as stated above), covering is not deemed necessary. However, should the need arise, net covering will be provided.
- Prior to leaving site, any vehicles which have materials adhering to external surfaces which may have the potential to wind-blown dust, will be cleaned by use of a power wash. This has been marked on the site plan.
- The stockpiles including scarifying material are kept within the lower levels of the quarry, which levels are lower than the surrounding third-party ground levels and road levels.

- The stockpiles including scarifying material are to be watered. This is to be carried out as follows:
 - Summer every morning and when required
 - Winter, autumn and spring - in dry periods as required.
- Water will be brought to the site by means of a bowser.
- Water spraying heavily minimises any potential dust emissions. Spraying is to be carried out with a mist cannon during works as deemed necessary by the operator between April and October to suppress emissions.
- The scarifying material pile is to be covered with a tarp when not in use.

Timeframes

The timeframe for the above dust mitigation measures is imminently after the issuing of the relative Environment Permit.

Yours faithfully,



Ian Cutajar A&CE
FALZON & CUTAJAR
Architects & Civil Engineers