

# BENCINI & ASSOCIATES

ARCHITECTS, CIVIL ENGINEERS AND DESIGN CONSULTANTS

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**Our Ref:** 5599/17/KB

**Date:** 24<sup>th</sup> August, 2021

**Environment and Resources Authority  
Environmental Permitting Unit  
Hexagon House, Spencer Hill,  
Marsa. MRS 1441. Malta**

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**Re: EP 0097/20**

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## **Dust Mitigation Measures – HM 33**

This document is prepared as part of the Environmental Permit 0097/20 for HM 33. This document highlights the mitigation measures in respect to any dust emissions which may result from the activities pertaining to the said quarry.

1. As requested by PA/04909/02 the crusher and sieves are located at the lowest part of the quarry, approximately 40m below street level. In this regard, any dust from the crusher and sieves is effectively contained.
2. In order to prevent any spread of dust, stockpiles and incoming waste will be periodically wetted with increased frequency during the drier months. Basically, in the driest months (July, August) the stockpiles will be wetted approximately 3 times a day; in the months between the dry and wet seasons (April/May/June, September/October) the stockpiles will be wetted on average around 3 times a week, while in the wet season the stockpiles will be wetted on average around once a week, depending on the weather conditions.
3. Scarified material will be wetted when crushed and sieved in order to further limit the fine dust dispersion. Such stockpiles originating from such scarified material will be eventually wetted at a higher frequency than other stockpiles originating from inert material. Basically, in the driest months (July, August) the stockpiles will be wetted approximately 4 times a day; in the months between the dry and wet seasons (April/May/June, September/October) the stockpiles will be wetted on average around 4 times a week, while in the wet season the stockpiles will be wetted on average around once or two times a week, depending on the weather conditions.
4. A wheelwash, already present on site next to the entrance gate, cleans the HGVs prior to leaving the quarry, thus containing any dust/mud within the quarry boundaries.

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5. The storage of stockpiles resulting from scarified material will be stored and contained in separate storage bins ('*griezel*') in order to separate it from other stockpiles present on site.

Regards,

Kevin Bencini  
o.b.o. Bencini & Associates

