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Architectural &
Project Management
Consultancy Services

Mr Malcolm Debono

Environment & Resources Authority

Hexagon House,

Spencer Hill,

Marsa,

MRS 1441

September 9th, 2022

RE: EP 0107/20: Plan Outlining the dust control measures from the operations on site

Dear Mr Debono,

I am writing this report on behalf of my clients BIP Ltd represented by Ms Sandra Axiak. The report is related to the dust control measures implemented as part of Environmental Permit EC 0107/20. As requested in the same conditions of permit, a plan outlining the dust control measures from the operation on site is being provided hereunder. It must be noted that some of the measures are already in place. Others will be put in place as a result in the application for variation of the same permit.

a. **Installation of wheel washing equipment**: A power wash machine is installed on site for the cleaning of wheels and equipment. This is supplied with water that is mobilised to the site through bowsers. Water is also stored in tanks. Photos of the power washing device as well as photos of the bowser being used are annexed to this report for ease of reference.

b. **Crushing of material for efficient use of space**: the permit holders are crushing the material before dumping it. This is being done using a crusher that is equipped with a water sprinkler system. Since the crusher is used in different locations within the site, this is supplied with water through water tanks mobilised each time the crusher is shifted. Photos of the crusher being used are annexed to this report for ease of reference.

c. **Screening/Separation of waste or quarry material**: the permit holders will be separating and screening waste material and/or raw quarry material using a quarry sieve/screener. The sieve and conveyor belts are covered with a net to minimize the dissipation of dust generated during its operation (refer to annexed photos 4 and 5).

d. **Watering of the site**: the whole site is watered regularly using a truck mounted bowser (see annexed photo). The truck is mobilised as soon as operations are initiated.

e. **The entrance to the facility**: the entrance to the facility has been cleaned up and a concrete layer has been poured over it.

f. **Storage and processing of scarified material:** a 3-inch surface layer of concrete or asphalt is initially scarified by a concrete/asphalt scarifying machine. The material is brought to the quarry site in a wet condition since the scarifying machine uses water during the cutting/scarifying process. Material arrives at the quarry in a "garżella". Normally, the stockpile at the quarry would be very low as the scarified material that comes in is practically reused immediately, most of the time for the same project. In view of this, there is no fixed allocated storage space for the scarified material at the quarry but rather put aside in a freed-up space depending on the operation logistics of the day, providing it will not disrupt the daily operations of the quarry. The scarified material would then be separated and mixed with sand and gravel (torba) and reused for the construction of road subbases. This process does not happen very often but only when the company has a road works project, during which time the scarifying material would normally be transported to the quarry site in some 5 to 6 truck load trips while still wet.

The above points are the measures that will be put in place/are already in place to control dust emissions. Kindly get back to the undersigned if additional information is needed.

Perit Ivan Bondin B.E. & A. (Hons), M.Sc (Edin.), A & C.E.

Obo Northwind Investments Ltd