



Hurn Quarry

Dust Management Plan for Inert Recycling

1.0 Dust Control Measures

This Dust Management Plan documents site-specific operational procedures which will be used to prevent or minimise the release of dust from the site. It describes the management and operational actions the site will use to deal with both anticipated (e.g. forecast) and actual high-risk conditions (e.g. dry days with measured winds above moderate breeze). Overall dust problems associated with the handling operations are not expected to occur given the inherent damp nature of the inert materials.

1.1 General

The control of particulate emissions from the site activities will be the overall responsibility of the Site Manager. If the Site Manager is not on site or is on holiday/off sick, this falls to the Deputy Manager or Area Manager.

NMSB will ensure that any dust control equipment is designed, operated and maintained such that it operates effectively to control dust at the site.

The mitigation measures will include:

- All dust control equipment (i.e. road sweepers and bowsers) to be maintained and operated in accordance with manufacturer's instructions;
- Daily inspections of visible dust emissions across the boundary and recording results from Daily Environmental Dust Logs;
- The operation of using a water bowser to dampen the operational area and haul roads;
- Unmade access roads to be kept in good repair;
- Road sweeping equipment is available at all times, with access road swept regularly;
- Mobile plant exhausts and cooling fans to discharge above the horizontal to minimise dust generation;
- A speed limit of 10mph strictly enforced on both made and unmade roads;
- All loaded vehicles to be properly sheeted and inspected prior to leaving site to avoid unacceptable track out;
- General good housekeeping on site; and

- Modification and / or cessation of operations in extreme conditions.
- Adoption of a dust complaint procedure.

1.2 Mobile Plant

There is a risk of dust being generated from downward-blowing exhausts and cooling fans. Mobile plant exhausts and cooling fans discharge above the horizontal to minimise dust generation.

1.3 Haul Roads

Dust can be generated by vehicle movements on both made and unmade roads. To minimise dust generation by vehicle traffic a site speed limit of 10 mph is strictly enforced.

The site operator ensures that unacceptable track-out onto a public road is avoided by ensuring that vehicles are properly sheeted and inspected prior to leaving the site and loose material removed.

Road sweeping equipment is available at all times during site operating hours and the site access road are swept daily or as required.

Unmade access roads are kept in good repair and are wetted as required with the water bowser

1.4 Water Bowser

A water bowser will be available at all times and will be used to dampen haul roads and the operational area. The water bowser will be deployed when the site manager instructs based on his visual observations, or when HGV's disturb the dust on the haul road to an extent to which it reaches the top of the lorry body.

2.0 Monitoring

2.1 Visual Dust Monitoring

Daily inspections for visible dust emissions within the site and across the site boundary will be carried out. Monitoring points will vary depending on weather conditions and operations active at the site. The results of the inspections are recorded in the Daily Environmental Dust Log. It is the responsibility of the Site Manager to appoint a competent person to carry out this task and ensure it is completed.

It is the duty of all site staff to remain constantly vigilant to dust releases throughout the working site area during normal operations and raise awareness of this issue should it arise to the Site Manager. Any activities causing any visible emission beyond the Permit boundary will be immediately suspended until the appropriate dust suppression systems are implemented and dust emissions are brought under control.

Where the operations experience a prolonged dry period, and particularly when there is a breeze of sufficient strength to cause wind blow of dusts, this must be identified and site operations may require adaptation or additional control (for example the use of a water bowser).

3.0 Management Responsibilities and Engagement

3.1 Dust Complaints

Following receipt of an external complaint, EMS Form 01 Environmental Complaint will be completed by the Site Manager and sent to the Compliance Manager. The complaint will be investigated as in the next five working days, and the complainant kept informed throughout the investigation. If necessary this DMP will be updated noting cause and action taken to prevent it arising again

3.2 Communication

NMSB will respond to and communicate with relevant interested parties (e.g. local community and local authority) to provide necessary information and minimise their concerns and complaints, including methods used, content and frequency of communication as required.

3.3 Record Keeping

All relevant site records will be retained at the site offices for review by the management and staff of NMSBB as well as regulators, upon request. These records include:

- Locations of activity;
- Description of activities;
- Weather;
- Complaints; and
- Visual monitoring results