

Dust Management Plan

Kings Cliffe Industrial Estate – Screening bund

There will be a range of mitigation measures put in place to ensure that the bund construction operation do not have an adverse impact on the limited number of surrounding receptors. These measures are:

- Daily visual inspections of the site will be carried out by the Site Manager, at the start of operations and subsequently as necessary, particularly during dry windy weather, to ensure that all potential or actual dust sources are identified and treated promptly.
- As an over-riding requirement, if any operations are identified as causing or likely to cause visible dust emissions across the boundary of the application site, those operations will be modified, reduced or suspended until effective remedial action can be taken or the conditions given rises to the emissions have moderated.
- General matters and the management of the site can affect the likelihood of significant dust emissions. These include:
 1. Use of clean water for dust suppression, to avoid re-circulating fine material;
 2. High standards of house-keeping to minimise track-out and windblown dust;
 3. A preventative maintenance programme, including readily available spares, to ensure the efficient operation of dust suppression equipment; and
 4. Effective staff training in respect of the causes and prevention of dust.
- Handling of material will be suspended near the site boundaries when the wind conditions are likely to result in visible dust being carried off-site. Areas of stripped ground and other loose bare surfaces will be watered or treated with a proprietary stabiliser as necessary to minimise the potential for windblown dust.
- Loading and tipping heights will be minimised. Wherever possible, loading and tipping operations will take place in sheltered locations such as in the lee of existing mounds and stockpiles.

- Standard good practice for site haulage will include:
 1. The avoidance of abrupt changes in horizontal and vertical alignment;
 2. Regular grading and compaction to maintain smooth well-drained surfaces;
 3. Setting a speed limit of 10 mph (16 kph);
 4. Fitting site vehicles and plant with upswept exhausts and radiator fan shields; and
 5. Evenly loading vehicles to avoid spillages.
- A water bowser, fitted with a spray bar or spinner and water gun, will be kept on site and will be deployed as necessary to treat any dry surfaces of the site surface, stockpiles and other areas of loose bare ground. Provision will be made for the rapid filling of the bowser so that it can be used as necessary under all weather conditions.
- Should visible dust be blown from any storage mounds the relevant surfaces will be treated with water.
- All existing staff will be trained in this procedure. All new staff will be trained within 1 month from commencing employment.

The mitigation of emissions of fine particulate matter will be achieved primarily by means of the above dust management and control measures.