

# Condition 52(a)

## Condition 52(a): Odour Minimisation Scheme

- (a) No development shall commence until details of measures to control any fugitive odour from the excavation of materials and construction of the IWMF have been submitted to and approved in writing by the Waste Planning Authority the measures shall be implemented as approved.

*Reason: In the interests of local amenity and to comply with WLP policies W3A, W8A and W10E and BDLP policies RLP 36, RLP 62 and RLP 90.*

## Odour Control of Excavated Materials: Bradwell Quarry and the IWMF

Topsoil and subsoil across the majority of the IWMF site was stripped as part of the Site A2 quarrying operations under planning permission ESS/32/11/BTE. The subsoil and topsoil across the former agricultural fields has been excavated, relocated and placed into perimeter screening bunds outside the IWMF area. The stockpiling and placement of the subsoil and topsoil was carried out in a planned and systematic manner, and the height and general arrangement of the screening bunds limited to mitigate the potential for anaerobic conditions arising. There were no odour issues associated with these works.

The risk and potential for odour resulting from the IWMF excavation has therefore been mitigated by the quarrying operations.

Subsoil and topsoil currently stockpiled within the Site A2 screening bunds required within the restoration of the IWMF site will be excavated, relocated and placed from the existing stockpiles and placed within the works.

In line with existing operational best practices, the criteria for moving topsoil and subsoil (either from within the TPO Woodland and/or from the existing topsoil and subsoil stockpiles within Site A2) will be based on the measurement of the Lower Plastic Limit in accordance, unless otherwise agreed with ECC. Additional reference should be made to the Submission of Details against Condition 46 – Soil Handling.

## Odour Control: IWMF Construction Works

To control and minimise odour during the construction of the IWMF the following control measures will be implemented, in line with industry and existing best practice, namely:

- In line with HSE guidance, construction operations likely to lead to the potential for odours, will be identified prior to commencement of construction, alternative methods reviewed that might lead to less odour risk, and subsequently carried out in accordance with site specific method statements and risk assessments to assure the control and mitigation at the point of source;
- The Control of Substances Hazardous to Health (COSHH) Regulations 2002 shall apply and wherever possible the Contractor shall prevent the use of materials likely to cause an odour and/or prevent exposure by: avoiding the use of odorous and/or hazardous substances and use alternative materials or construction processes. The objective of COSHH is to prevent, or to adequately control, exposure to substances hazardous to health by using control equipment, enclosing working areas and modifying construction operations to mitigate the use of odorous and/or hazardous materials;

- Odorous construction activities will be tackled at source using water and/or mists, on-tool extraction or vacuum extraction units, working within dedicated areas which offer control and containment to odour at the point of source, i.e. screening and shrouding a working area, using materials and equipment that prevent odours getting into the air;
- Managing the construction works in order that they progress in a phased and systematic manner, adopting industry recognised best practice and mitigating the creation or generation of odour at source; and
- Using prefabricated materials wherever practicable and possible that have been manufactured, prepared, painted and finished off site, to mitigate the need for modification, treatment or cutting on site.

Based on sensible and safe working principles that fully comply with recognised health and safety standards, the impact of odour resulting from the construction of the IWMF on construction personnel working within the construction site and the areas surrounding the Site will be low.