






CROWNHILL TOPSOIL WASTE MANAGEMENT FACILITY ODOUR MANAGEMENT PLAN

Unit 1009, Caerwent Army Training Estate,
Caerwent

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1. Site Details

Name of the applicant	Crownhill Topsoil
Activity address	Unit 1009 Caerwent Army Training Estate
National Grid Reference	ST 46457 92070
Document reference and dates for Site Condition Report at permit application and surrender	Odour Management Plan CH016 – 08/08/16

This Odour Management Plan has been prepared for Crownhill Topsoil's operations at Unit 1009 of the Caerwent Army Training Base.

Crownhill Topsoil's Waste Management Facility of proposed to be located at Unit 1009 of the Caerwent Army Training Estate. This is a facility operated by the Ministry of Defence and managed by Landmarc. It is predominantly used for the training of MOD personnel and the storage of MOD assets. Sections of the site are now let to companies for use as commercial / industrial facilities.

Crownhill Topsoil proposes to operate a Waste Management and Recycling facility at Unit 1009 which will include:

- The processing of inert soils and construction and demolition waste into topsoil and recycled aggregates;
- The sorting and chipping of treated and un-treated wood to produce wood chip suitable for use within the biomass heat and power generation industries.
- The sorting and segregation of residential and commercial skip waste into its various waste fractions for ongoing recycling / disposal.

1.1 Materials Stored at the Crownhill Topsoil Facility which have Potential to Generate Odours

The following materials which could be stored at the Unit 1009 site have potential to generate significant odours:

- compost and plant material – if allowed to become anaerobic
- mixed skip waste

1.2 Sensitive Receptors to Odour

The nearest residential property to the facility is the farm 850m to the west of the site. There are further residential properties approximately 1,150m south of the site.

The Dinham Meadows SSSI lie to the east and west of the site and these would be sensitive to very strong odours.

2. Odour prevention:

The following management measures will be employed to minimise odours from the site.

Mixed skip waste will be sorted within buildings at the site.

Segregated waste will be stored within quarantine bays in buildings or within skips on site. Skips of segregated wastes will not be retained on site for more than 72 hours.

Skips of mixed waste will not be stored on site for more than 48 hours.

Stockpiles of organic waste will be regularly turned to ensure they do not become anaerobic, resulting in odours.

3. Odour Monitoring:

Due to the isolated nature of the site and the low risk of odour generation, no formal monitoring is proposed.

If odours are noted during operation, works will cease and the source will be investigated. Once identified a remedial plan will be developed and implemented.