

Wingmoor Farm East: Integrated Waste Management Facility

Permitted Activities

General

The Wingmoor Farm East landfill area covers 54 hectares – of which over 40% has been restored to the approved landform. The restored area includes the northern and eastern slopes and most of the high point of the restoration. Some 22 hectares have yet to be infilled – 40% of the land area. The remaining areas are either being infilled or have been infilled and are awaiting further work.

In summary, the site has planning permission for the following:

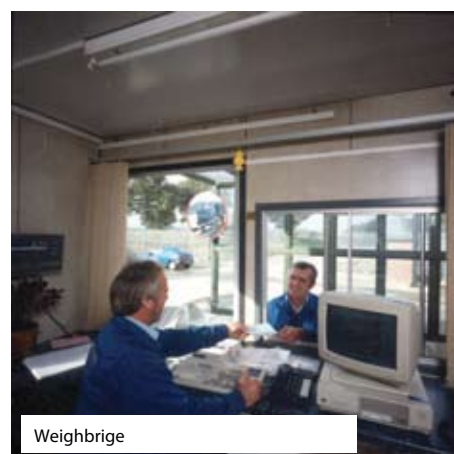
- extraction and sale of sand and gravel
- extraction of clay for engineering and restoration with limited export
- processing of clay to produce a lightweight aggregate for export
- restoration to the approved profile for agriculture and nature conservation uses, by the importation of non-hazardous and hazardous waste
- treatment of waste in an on-site plant prior to landfill
- a Materials Recovery Facility (MRF)
- a landfill gas control system and associated landfill gas engines (which use landfill gas to produce electricity)
- weighbridges, offices and workshops and other ancillary infrastructure for the operation and restoration of the site.

Mineral extraction, landfill and waste treatment are all ongoing activities. Wastes currently imported to the site, with the appropriate Permits from the Environment Agency, include:

- construction, demolition and excavation wastes (timber, plastics, bricks, soils etc)
- commercial and industrial wastes (classified as non hazardous)
- contaminated soils, asbestos and Air Pollution Control (APC) residues and other wastes classified as hazardous
- liquid wastes used in the treatment process.



- Restored land
- Active landfill
- Remaining area of sand and gravel resources
- Treatment plant
- Sand and gravel processing plant
- MRF planning permission boundary
- Clay extraction and future landfill
- Surface water management pond
- Landfill gas engine



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