

Summary of application

This summary has been prepared by Essex County Council using details supplied within the application. The details at this stage have not been verified. It is intended as an aid and does not form part of the application details.

To understand the full extent and implications of the proposed development, it is recommended you view the full planning application at the local library, district council offices or County Council offices as detailed in the attached letter.

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Planning Application for: Continuation of mineral extraction and development of waste recycling and composting facility, including

- Demolition of existing mineral processing plant
- Construction of waste reception and sorting building enclosing sorting of domestic and commercial and industrial waste to recover recyclables
- Construction of in-vessel composting units for composting of sorted waste
- Reprofilling of levels of restored landfill site utilising on site materials, with restoration to parkland
- Landfilling of mineral void with composted material with progressive restoration to agriculture.
- Widening of access road to allow 2 way traffic
- Installation of landfill gas and leachate management systems

NB The description of development has been agreed with the applicant and is different to that stated in the application documentation.

Application Reference: ESS/46/08/UTT

Location of site: Crumps Farm, Stortford Road, Little Canfield, Nr Great Dunmow, Essex, CM6 1SR
OS Grid Ref TL 581:209

Application by: Edwards Waste Management Ltd, Barnfield, Tylers Cross, Roydon, Essex, CM19 5DP.

Background: Crumps Farm has a complex planning history. Planning permission for mineral extraction was granted in 1947 under an Interim Development Order (IDO). In 1987 planning permission was granted to vary the conditions of the IDO, but this only applied to northern half of the IDO site. The mineral void created in the northern half was later given planning permission for landfill and landfilling has been completed and currently only a small part of the old landfill area awaits restoration to agriculture.

In 2004 a Certificate of Lawfulness of Proposed Use or Development (ESS/37/02/UTT), confirmed that there was an extant planning permission for mineral extraction, but not landfilling on the southern area of the IDO. Under the Environment Act 1995 the planning permission for the southern area was required to be reviewed and an application (ESS/01/07/UTT) was made for this with a new planning permission being issued in March 2007. This permission allows the working of the minerals including sand, gravel and clay

and requires restoration of the resulting void to a hollow, with a combination of afteruses including agricultural, woodland and an irrigation reservoir by the year 2042.

Planning Permission ES/50/07/UTT for retention of the mineral processing area until 2033 was granted in August 2007, located in the north east of the site. Planning permission (ESS/47/07/UTT) was granted in May 2008 for a green waste compositing facility on part of the southern half of the site for a trial period of 2 years.

Summary of proposal:

The application site is a total of 39.5 hectares

The application proposes the following:

Continuation of the sand, gravel extraction (60,000 tonnes) over 3 years and clay (1.154 million tonnes) over 15 years extraction in phases from west to east over an area 11.1 ha.

Utilisation of on site overburden from the mineral working to raise levels of the completed landfill by 2 metres, to enable this part of the site to blend with proposed levels of the proposed landfill to the south. This northern area would be restored to parkland within approx 5 years of commencement of the development.

Importation of 50,000 tonnes pa Municipal Solid Waste (MSW - domestic waste) and 70,000 tonnes pa of Commercial and Industrial waste all to be initially received within the proposed building.

Construction of waste reception, sorting and treatment building (3420 square metres), proposed to be a steel portal frame building. The maximum height of the building to ridge would be 12m. The building would be divided into 2 parts; an area for reception and sorting of waste approx. 114m x 31m), a transfer area (114m x 16m). Adjacent to this building would be the composting vessels (114m x 40m). The building and vessels would be located in the north-east part of the site upon demolition of the existing mineral processing area.

Within the building the following would take place:

- receive, screen and shred green waste, prior to transfer to composting vessels
- receive and bale pre-sorted plastics and paper
- receive sort and process a combination of pre-sorted and mixed MSW and commercial and industrial waste

The application also proposes, widening of the existing access road to allow 2 way traffic, expansion of existing infrastructure for dealing with landfill gas and installation of infrastructure to treat leachate.

MSW and Commercial and Industrial waste once sorted would be transferred internally to the composting vessels. The waste material would be placed in the end of the vessels within the building. A waste turning machine would run along the top of the covered composting vessels turning the waste and moving it towards the other end of the vessel, such that by the time the waste material reaches the other end of the vessel it would have completed the composting process. During the composting process the waste would lose much water and any bio-degradable waste would have broken down leaving a largely biological stable residue for disposal into the landfill.

Landfilling of 50,000 tonnes pa of biologically stable residue into the void created by mineral extraction. The void capacity is approx 1.3 million cubic metres and is anticipated to take 26 years to landfill. Only waste materials that had gone through sorting and composting would be disposed of in the void. The void would be infilled in phases within engineered containment cells within the clay. As each cell is completed the site would be progressively restored from west to east.

The proposed hours of operation for mineral extraction and waste reception, sorting and treatment are

Monday to Friday 0700 - 1800
Saturdays 0700 - 1300

The site currently has planning permission for sand and gravel and clay extraction and green waste composting which generates approx 48 movements per day.

The proposals would generate 76 additional movements per day as follows:-

- Importation of domestic waste (MSW) 50,000 tonnes pa generating 46 movements per day.
- Export of recovered/uncompostable material with the domestic waste including plastic, metal and material requiring specialist treatment. Plastic and residuals would be back loaded on vehicles delivering waste. Metals would generate 50 movements per annum and hard core would be used on site roads thus no additional movements would be generated.
- Importation of Commercial and Industrial waste (combination of unsorted 55,000 tonnes per annum in 22 tonne loads and sorted 5,000 tonnes pa in 4 tonne loads) and export of recovered materials (plastics, metals) would generate a total of 30 movements per day.

Therefore if the development were permitted the site would generate a total of 124 movements a day.

Traffic movements would decrease by 10 to 12 movements a day upon completion of the sand and gravel extraction after 3 years and would decrease by a further 30 movements per day after 15 years when clay extraction is completed.

An Environment Statement has been submitted with the application detailing the environmental impact assessment of the proposal.

Copies of the Environmental Statement are available at a cost of £175 during normal office hours or copies of the Non –Technical Summary free of charge from PDE Consulting Ltd, 6 Forbes Business Centre, Kempson Way, Bury St Edmunds Suffolk IP32 7AR
Tel 01284 764085, Fax 0870 051 7491, Email admin@pdeconsulting.co.uk

Site location plan

