

NON-TECHNICAL SUMMARY

SITE DETAILS:

T & K Weavers Demolition Ltd

Ferriers Pit
Ferriers Lane
Bures
CO8 5DL

APPLICANT DETAILS:

T & K Weavers Demolition Ltd
Parsonage Hall
Bures
CO8 5DH

**T & K Weavers
Demolition Ltd**

Application Reference:

EPR/HB3705UM

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1 INTRODUCTION

This document is the Non-Technical Summary (NTS) that accompanies the application for a new Bespoke Environmental Permit EPR/HB3705UM at T&K Weavers, Ferriers Pit, Ferriers Lane, Bures, CO8 5DL. The site location is shown on drawing K153.1~20~013 Sensitive Receptors Plan and has been approved under planning by Essex County Council.

The new bespoke permit (EPR/HB3705UM) will cover the treatment of wastes, consisting only of sorting, separation, screening, crushing and blending of waste for recovery as a soil, soil substitute or aggregate. Secure storage of wastes pending treatment. Storage of wastes listed below in Table 1 shall not exceed 10,000 tonnes in total at any one time and if located within a Source Protection Zone (SPZ) 1 or 2, in this case potentially Zone 2 as half the wider land packet falls within a SPZ 2, these waste streams will be stored on an impermeable site surface with a sealed drainage system. If not stored within the SPZ 2 then they will not require these extra measures.

Table 1

European Waste Catalogue Code	Description
03 01 01	waste bark and cork
03 03 01	waste bark and wood
10 01 01	bottom ash and slag only
10 01 05	gypsum (solid) only
10 01 07	gypsum (sludge) only
10 01 15	bottom ash and slag only from co-incineration other than those mentioned in 10 01 14
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 08 02	gypsum only other than that mentioned in 17 08 01
19 05 03	compost from source segregated biodegradable waste only
19 09 02	sludges from water clarification
19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03

All other wastes stored shall not exceed 40,000 tonnes in total at any one time. No more than 75,000 tonnes of waste shall be treated per year. Treatment of slags and ashes for disposal shall not exceed 50 tonnes per day, or if for a mix of recovery and disposal shall not exceed 75 tonnes per day.

This report summarises the proposed changes to the existing Environmental Permit and should be read in conjunction with the other supporting documents included within the application.

The application has been prepared by WISER *Environment* Limited on behalf of the applicant and operator T & K Weavers Demolition Ltd.

2 APPLICATION

This application is for a new Bespoke Environmental Permit (EPR/HB3705UM) and has been prepared under the Environmental Permitting (England and Wales) Regulations 2016 (as amended) for a Waste Operation.

The application seeks to allow T&K Weavers Demolition Ltd to carry out the Treatment of waste to produce soil, soil substitutes and aggregate. The permit is based on the standard rules permit; *Standard rules SR2010No12 Treatment of waste to produce soil, soil substitutes and aggregate.*

This permit allows for the sorting, separation, screening, crushing and blending of waste for recovery as a soil, soil substitute or aggregate of up to 75,000 t per year. Total storage of any wastes stated in Table 1 shall not exceed 10,000 t and where applicable be stored on an impermeable site surface with sealed drainage all other wastes listed within the list of Wastes K153.1~09~003 can be stored on made ground and will not exceed a storage limit of 40,000 t at any one time.

2.1 Site Location

The site is located at Ferriers Pit, Ferriers Lane, Bures, CO8 5DL. National Grid Reference TL 89544 34156. The site is approx. 500 m to the west of the village of Bures and approx. 6.8 km south of the town of Sudbury.

The wider land holding of Ferriers Pit occupies approx. 20 hectares and is surrounded by farm land to the west and south west of the site, the permitted areas occupy approx. 3.052 hectares as shown on K153.1~20~014 Permit Boundary.

Figure 1:



2.2 Environmental Setting

The environmental setting of the site can be summarised as follows and shown on Sensitive Receptors Plan K153.1~20~013, a more detailed setting can be found in the Environmental Risk Assessment (K153.1~09~002) within **Section 07** of the application:

RECEPTOR	DESCRIPTION AND LOCATION
Humans and Property	The Site is located at T&K Weavers, Ferriers Pit, Ferriers Lane, Bures, CO8 5DL the site is approx. 500 m to the east of the village of Bures and approx. 6.8 km south of the town of Sudbury. The site is in a remote location surrounded by arable farm land with Bombose Farm to the North and Ferriers Farm to the south.
Surface Water	There is only one recorded surface water feature within 250 m of the site referenced as A13SW, located at NGR 589405 234085. However, there are two old silt lagoons located to the south of the site.

Groundwater	<p>Superficial: Secondary A Aquifer. Kesgrave Catchment (Sand & gravel). Site situated on worked ground. River Terrace Deposits (Sand & gravel) identified in between north & south sites.</p> <p>Bedrock: London Clay Formation (Clay, silt & sand) - Principal Aquifer, Crag group (sand) identified in between north & south sites.</p>
Designated Sites	<p>There are no European designated sites such as a Ramsar, Site of Special Scientific Interest (SSSI) nor is the site within 500 metres of a specified Air Quality Management Area with relevant declared pollutants. The site is however within 50 m of a Biodiversity Action Plan Area on the South West boundary.</p>
Geology	<p>Kesgrave catchment- Sand and Gravel. Superficial Deposits formed up to 3 million years ago. Bedrock Geology London Clay-Clay, Silt and Sand. Sedimentary bedrock formed in the Paleogene period.</p>
Flooding	<p>The highest risk of flooding on site is 'very low'.</p> <p>The site does not benefit from any Flood Defences or Flood Storage. The site is rated as 'limited potential' from groundwater sources</p>

3 PERMITABLE OPERATIONS

The permit will allow the acceptance, storage, sorting, separation, screening, crushing and blending of waste for recovery as a soil, soil substitute or aggregate.

The inputs in to the site are limited to the List of wastes K153.1~09~003 contained within **Section 08** of this application pack. Wastes accepted are limited to these European Waste Catalogue chapters;

- 01 wastes resulting from exploration, mining, quarrying and physical and chemical treatment of minerals
- 02 wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
- 03 wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
- 10 wastes from thermal processes
- 15 waste packaging
- 17 construction and demolition wastes (including excavated soil from contaminated sites)
- 19 wastes from waste management facilities, off site waste water Treatment plants and preparation of water intended for human Consumption / industrial waste
- 20 municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions

All waste activities will occur within the boundary of the permitted site and on a minimum of hard-standing where required.

3.1 Waste Acceptance

Waste will arrive on site via 8-wheeler trucks. Only those wastes permitted by the site's Environmental Permit, shall be accepted at the site, a visual inspection of the waste will be undertaken on arrival to confirm compliance prior to acceptance.

The waste must be inspected to ensure that it conforms to the description in the documentation supplied by the producer and holder. As a minimum, information to be supplied with the paper work will be address/location of source site, identity of the producer, the physical appearance of the waste, the amount of waste being imported and an identifiable EWC Code.

3.2 Waste Processing

Waste is delivered to site via 8-wheeler trucks. Waste is inspected as it arrives. Waste is also collected by T&K Weavers own fleet and is inspected upon collection as well as inspected when it arrives on site by appropriately trained staff. The 8-wheelers will then be directed to the permitted area and shown where to tip. Waste is then processed via sorting, separation, screening, crushing and blending either in to different waste fractions or non-waste utilising quality protocols.

3.3 Site Management

- A Technically Competent Manager; who will manage the operation and regularly attend site in compliance with the defined attendance requirement.
- A site supervisor; who will be responsible for the ongoing operation who may also undertake office and plant operation duties.
- Other trained plant operators as required.

4 RISK ASSESSMENT AND MANAGEMENT

An Environmental Risk Assessment (K153.1~09~002) is included in **Section 07** of the application pack. The risk assessment details the key management measures for the protection of the environment with regards to noise and fugitive emissions (such as dust and particulate matter). Due to the longevity of the operation an Climate Change Risk Assessment has been supplied in **Section 07** of this application pack. The Environmental Risk

Assessment also informed the need for an Noise and Vibration Management Plan (K153.1~09~006) & Emissions Management Plan (K153.1~09~005) contained within **Section 11** and **10** respectively.

The site is operated by T&K Weavers and a management plan has been developed to reflect and control site operations. The management system defines operational and maintenance procedures and details requirements in the event of an accident or incident.