



Non-Technical Summary

Stour Business Park, Little Wratting

Essex Waste Ltd.

Document Reference: Application Bespoke 487/2 - NTS



Minerals
Waste
Environment

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1.0 Introduction

1.1 This document forms a non-technical summary in support of an application on behalf of Essex Waste Limited (EWL) (the operator) for a Bespoke Permit for the treatment of waste to produce soil, soil substitutes and aggregate, at Stour Business Park, Little Wratting, near Haverhill (the site). The sites grid reference is TL 69779 47520.

2.0 Application Overview

2.1 In addition to this Non-technical Summary, the application includes the following documents:

- Environmental Management System Summary
- Site Condition Report
- Site Plan and Sensitive Receptor Plan
- Relevant Application Forms
- Waste Acceptance Procedures
- Environmental Risk Assessment
- Noise Impact Assessment
- Noise Management Plan
- Dust Management Plan

3.0 Site Operations

- 3.1 The proposed permit boundary is shown on Drawing ref: *487/2 – Permit Boundary*. The site's footprint will be approximately 2.1ha. The proposed site layout plan is referenced as *487/2 – Site Layout*.
- 3.2 The application proposes an annual throughput of no more than 250,000 tonnes per year.
- 3.3 The application seeks to mirror the list of wastes permitted by the SR2022 No.1 permit (treatment of waste to produce soil, soil substitutes and aggregate), with the exclusion of any combustible waste (see Appendix 1).
- 3.4 Upon arrival to the site, all loads will report to the weighbridge, undergo the necessary waste acceptance checks prior to unloading in the designated area. The construction and demolition waste will be directly tipped in designated areas within the recycling building, then loaded into the processing line where it will undergo size reduction through mobile jaw crushers to ensure that all waste will be reduced to a consistent particle size. The material is then screened accordingly and sorted by particle size and quality.
- 3.5 Once processed, separated products will leave the building and transfer to external storage bays, where they will be stockpiled according to size and grade.
- 3.6 Materials that cannot be fully processed on site but remain suitable for further recycling will be stockpiled and transferred to appropriate licenced external facilities. The residual that cannot be reused or recycled will be stored separately, before being sent to a licenced disposal facility.

4.0 Operational Controls

4.1 The Site will be operated under an Environmental Management System (EMS), which would be continuously monitored and updated in-line with the Environment Agency's current / future guidance to reflect any changes to the operations at The Site.

4.2 The EMS will be strictly adhered to with Waste Acceptance Procedures being tightly controlled. Training on the updates to The Site's operations will be carried out and recorded, and any future changes would be reflected in re-training and / or refresher courses where required.

4.3 Only waste that can be accepted at The Site, in terms of its waste code and all other Waste Acceptance Criteria and Waste Acceptance Procedures would be accepted at The Site. All non-conforming wastes would be turned away from The Site, or, if unloading has already taken place, would be quarantined in a specifically allocated area for removal to a suitable licensed facility at the earliest possible opportunity.

5.0 Conclusions

5.1 This application is for a bespoke permit for the treatment of waste to produce soil, soil substitutes and aggregate managing construction and demolition waste at Stour Business Park, Little Wrating, near Haverhill.

5.2 Strict environmental controls would reduce the risk of pollution and ensure that The Site is operated to appropriate environmental standards.

Appendix 1

Waste codes and descriptions for the production of aggregates

01 Waste resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals

Waste code	Waste type
01 04	Wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	Gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	Sand and clays

02 Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing

Waste code	Waste type
02 02	Wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 02	Shellfish shells from which the soft tissue or flesh has been removed

10 Wastes from thermal processes

Waste code	Waste type
10 01	Wastes from power stations and other combustion plants (except 19)
10 01 01	Bottom ash and slag
10 01 02	Pulverised fuel ash
10 01 15	Bottom ash and slag from co-incineration other than those mentioned in 10 01 14
10 02	Wastes from the iron and steel industry
10 02 01	Blast furnace slag filter bed media free from sewage contamination
10 11	Wastes from manufacture of glass and glass products
10 11 12	Clean glass other than those mentioned in 10 11 11
10 12	Wastes from manufacture of ceramic goods, bricks, tiles and construction products

Waste code	Waste type
10 12 08	Ceramics, bricks, tiles and construction products (after thermal processing)
10 13	Wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 14	Concrete
15 Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified	

Waste code	Waste type
15 01	Packaging (including separately collected municipal packaging waste)
15 01 07	Clean glass
17 Construction and demolition wastes (including excavated soil from contaminated sites)	

Waste code	Waste type
17 01	Concrete, bricks, tiles and ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	Tiles and ceramics
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	Wood, glass and plastic
17 02 02	Clean glass
17 03	Bituminous mixtures, coal tar and tarred products
17 03 02	Road base and road planings (other than those containing coal tar)

Waste code	Waste type
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soil and stones other than those mentioned in 17 05 03 including stone filter media free from sewage contamination
17 05 06	Dredging spoil other than those mentioned in 17 05 05 (sand and aggregate only)
17 05 08	Track ballast other than those mentioned in 17 05 07
17 09	Other construction and demolition wastes
17 09 04	Mixtures of soil, bricks, stones and concrete

19 Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use

Waste code	Waste type
19 08	Wastes from waste water treatment plants not otherwise specified

Waste code	Waste type
19 08 02	Washed sewage grit (waste from desanding) free from sewage contamination
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 05	Glass free from contamination
19 12 09	Minerals (for example sand, stones)
19 12 12	Incinerator bottom ash aggregate (IBAA)

20 Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions

Waste code	Waste type
20 01	Separately collected fractions (except 15 01)
20 01 02	Glass free from contamination

Waste code Waste type

20 02 Garden and park wastes (including cemetery waste)

20 02 02 Soil and stones

Waste codes and descriptions for the production of soils and soil substitutes

01 Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals

Waste code Waste type

01 04 Wastes from physical and chemical processing of non-metalliferous minerals

01 04 09 Sand and clays

02 Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing

Waste code Waste type

02 01 Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing

Waste code **Waste type**

02 01 01 soil from cleaning and washing vegetables

02 03 wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation

02 03 01 soil from cleaning and washing vegetables

02 04 wastes from sugar processing

02 04 01 soil from cleaning and washing beet

03 Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard

Waste code **Waste type**

03 01 Wastes from wood processing and the production of panels and furniture

03 01 01 Bark and cork

Waste code	Waste type
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03 03	Wastes from pulp, paper and cardboard production and processing
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03 03 01	Bark and wood
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10 Wastes from thermal processes

Waste code	Waste type
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10 01	Wastes from power stations and other combustion plants (except 19)
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10 01 05	Gypsum (solid)
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10 01 07	Gypsum (sludge)
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17 Construction and demolition wastes (including excavated soil from contaminated sites)

Waste code	Waste type
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17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
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Waste code	Waste type
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17 05 04	Soil and stones other than those mentioned in 17 05 03
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17 05 06	Dredging spoil other than those mentioned in 17 05 05
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17 08	Gypsum-based construction material
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17 08 02	Gypsum other than that mentioned in 17 08 01
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17 09	Other construction and demolition wastes
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17 09 04	Mixtures of soil, bricks and concrete
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19 Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use

Waste code	Waste type
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19 05	Wastes from aerobic treatment of solid wastes
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Waste code	Waste type
19 05 03	Compost from source segregated biodegradable waste
19 09	Wastes from the preparation of water intended for human consumption or water for industrial use
19 09 02	Sludges from water clarification
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	Minerals (sand)
19 13	Wastes from soil and groundwater remediation
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
20 Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	

Waste code Waste type

20 02 Garden and park wastes (including cemetery waste)

20 02 02 Soil and stones

Wastes subject to further limits

03 Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard

Waste codes Waste type

03 01 Wastes from wood processing and the production of panels and furniture

03 01 01 Bark and cork

03 03 Wastes from pulp, paper and cardboard production and processing

03 03 01 Bark and wood

10 Wastes from thermal processes

Waste codes	Waste type
10 01	Wastes from power stations and other combustion plants (except 19)
10 01 05	Gypsum (solid)
10 01 07	Gypsum (sludge)
10 01 15	Bottom ash and slag from co-incineration other than those mentioned in 10 01 14

17 Construction and demolition wastes (including excavated soil from contaminated sites)

Waste codes	Waste type
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 08	Gypsum-based construction material

Waste codes Waste type

17 08 02 Gypsum other than that mentioned in 17 08 01

19 Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use

Waste codes Waste type

19 05 Wastes from aerobic treatment of solid wastes

19 05 03 Compost from source segregated biodegradable waste

19 09 Wastes from the preparation of water intended for human consumption or water for industrial use

19 09 02 Sludges from water clarification

19 12 Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified

19 12 12 Incinerator bottom ash aggregate (IBAA)

Waste codes	Waste type
19 13	Wastes from soil and groundwater remediation
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