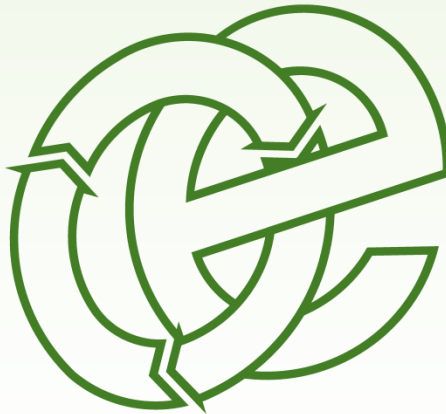


NON-TECHNICAL SUMMARY

High Road, Marlow, Thornwood, Epping CM16 6LU

D Evans & Sons

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1 Introduction

- 1.1 This Non-Technical Summary (NTS) accompanies an Environmental Permit (EP) variation application for a physical treatment facility of non-hazardous waste submitted on behalf of D Evans & Sons (the operator).
- 1.2 The site will be situated at High Road, Marlow, Thornwood, Epping CM16 6LU.
- 1.3 As part of this variation, the site proposes to accept, store and treat the following wastes for recovery:
- Inert and CDE wastes
- 1.4 The site is located at High Road, Marlow, Thornwood, Epping CM16 6LU. The site is bordered by commercial and industrial premises.

2 Application proposals

2.1 D Evans & Sons currently hold and operate an Environmental Permit (EP) for the following activities:

- Physical treatment of non-hazardous waste (referenced as 1.16.12 of the EPR charging tables).

2.2 As part of this variation the operator seeks to:

- Remove the restriction on waste/product storage awaiting disposal or recovery in bays/containers as detailed in Condition 1.1.1, Table 1.1 and Condition 2.1 of the existing permit, allowing the operator to store and treat the wastes/product/materials awaiting disposal or recovery in external free-standing stockpiles without the aforementioned containment; *(the operator will implement the dust mitigation measures within an EMS, DEMP and the ERA which forms part of this application)*; discussions with the EA have confirmed that existing permit conditions will be revised and updated with modern conditions, and,
- Allow for the external storage/treatment of IBAA aggregate.
- Addition of crushing treatment activity.
- Retain current waste codes listed in the EP with the addition of codes listed within the SR2010 No.12. A full list of the existing and proposed codes are detailed in the tables below, table 2.1 comprises existing codes within the EP and table 2.2 comprises proposed codes with existing codes highlighted in green.

2.3 The Environmental Permit is required for the storage (keeping) prior to removal, and treatment (all types of handling/processing) of waste i.e. CDE wastes. Waste treatment processes to typically be carried out on site may include the following:

- Sorting (with loading shovel / 360° excavator or by hand)
- Screening (by using appropriate mechanical screening plant and equipment)
- Separation (by using appropriate mechanical plant and equipment)
- Crushing (by using appropriate mechanical plant and equipment)

- Blending (by loading shovel / 360° tracked excavator)

2.4 Existing EWC codes

2.4.1 The table below details the codes currently permitted at the site.

Table 2.1 – Existing EWC Codes

Permitted waste types and quantities	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 74,999 tonnes a year.
Waste Code	Description
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 17	ferrous metal
16 01 18	non-ferrous metal
17	Construction and demolition wastes (including excavated soil from contaminated sites)
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 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (metals including their alloys)
17 04 11	cables other than those mentioned in 17 04 10
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
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

2.5 Proposed EWC codes

2.5.1 The table below details the proposed codes to be added to the permit as part of this application. It is worth noting that the majority of these codes are of a similar nature

to existing codes and have been extracted from the SR2010 No.12. Rows highlighted in green are already accepted at the site as shown in table 2.1 above.

Table 2.2 – Proposed EWC Codes (with existing codes highlighted in green)

Permitted waste types and quantities	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 74,999 tonnes a year.
Waste Code	Description
01	Wastes resulting from exploration, mining, quarrying and physical and chemical treatment of minerals
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
02	Wastes resulting from exploration, mining, quarrying and physical and chemical treatment of minerals
02 02	waste from 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 only
03	Wastes resulting from exploration, mining, quarrying and physical and chemical treatment of minerals
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
10	Waste from thermal processes
10 01	waste from power stations and other combustion plants
10 01 01	bottom ash and slag only
10 01 02	pulverised fuel ash 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
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
10 12 08	waste ceramics, bricks, tiles and construction products after thermal processing)
10 13	wastes from manufacture of cement, lime and plaster products and articles and products made from them
10 13 14	waste concrete only
15	Waste packaging
15 01	packaging
15 01 07	clean glass only
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 01	concrete, bricks, tiles and ceramics

Permitted waste types and quantities	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 74,999 tonnes a year.
Waste Code	Description
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	glass
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	Uncontaminated bituminous mixtures other than those mentioned in 17 03 01
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
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 08	gypsum based construction material
17 08 02	gypsum only other than that mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
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
19 05	wastes from aerobic treatment of solid waste
19 05 03	off-specification compost
19 08	wastes from waste water treatment plants not otherwise specified
19 08 02	washed sewage grit (waste from desanding) free from sewage contamination only
19 08 99	stone filter media if free from sewage contamination only
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 05	clean glass only
19 12 09	minerals (for example sand, stones)
19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 – Incinerator Bottom Ash Aggregate (IBAA) only.
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 comprising of non-hazardous soils, stones and aggregates only
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

Permitted waste types and quantities	
Maximum Quantities	The total quantity of waste accepted at the site shall be less than 74,999 tonnes a year.
Waste Code	Description
20 01	separately collected fractions
20 01 02	clean glass only
20 02	garden and park wastes
20 02 02	soil and stones

3 Documentation and fees

3.1 This application constitutes a Bespoke Environmental Permit as per table 1.16 of the charging guide table (reference 1.16.12).

Table 3.1 – Application Fee Table

EPR Charging Scheme Ref	EPR Charging Scheme Ref & Description	Type of application (Ref)	Fee
1.16.12	Physical Treatment Facility for non-hazardous waste	Normal variation	£3,965
1.19.5	Dust and Emissions Management Plan	Additional assessment	£1,241
1.19.7	Noise and Vibration Management Plan / NIA	Additional assessment	£1,246
		TOTAL	£6,452

3.2 The operator has implemented a series of dust control measures to ensure that dust is not increased as part of this variation; measures comprise (but not limited to):

- sheeting of all vehicles delivering waste to and from the site;
- cleaning of any spillages using wet cleaning methods;
- use of crusting agents on stockpiles of finer materials, if required;
- drop heights (*i.e. to 1 -2m*) **ALWAYS** minimised to prevent dust emissions.
- a constant water supply will be available on site which can be used for dust suppression in all dry, hot weather conditions.
- road sweepers are readily available at the site which benefit from high pressure spray bars and can be deployed immediately when required.
- Access to a bowser which will be periodically used throughout the day to dampen down stockpiles when required.
- Please refer to site specific Dust Management Plan.

3.3 Accompanying this Non-technical Summary, the following will also be submitted as part of this application:

- a) Application forms Parts A, C2, C4 & F1

- 3.4 Based on the above, the total fee payable to the Environment Agency on submission will be **£6,452 (NO VAT)**.