NON-TECHNICAL SUMMARY

Unit 12, Chanters Industrial Estate, Arley Way, Atherton, Lancashire, M46 9BP

J. Fisher & Sons Ltd

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1 <u>Introduction</u>

- 1.1 This Non-Technical Summary (NTS) accompanies an Environmental Permit (EP) variation application for an installation for the physical treatment of non-hazardous and hazardous waste, submitted on behalf of J. Fisher & Sons Ltd (the operator).
- 1.2 The site is currently operated under a Standard Rules Permit. However, the operator proposes to accept >10 tonnes of hazardous waste for treatment and store more than >50 tonnes of hazardous waste at any one time. As such, a bespoke EP is required.
- 1.3 Materials will be processed via the onsite treatment plant which currently operates under an existing mobile Part B permit and is regulated by the Local Authority. This application has been initiated to vary the site from a Standard Rules activity to installation activities listed under Schedule 1 Part 2 Section 5.3 Part A1(a)(ii) and Section 5.6 Part A1(a)(i) of The Environmental Permitting (England and Wales) Regulations 2016 ("the permitting regulations"), to allow for the acceptance, storage and treatment of hazardous waste.
- 1.4 The site is situated at Unit 12, Chanters Industrial Estate, Arley Way, Atherton, Lancashire, M46 9BP and the National Grid Reference for the site is TQ 40441 79933.

2 <u>Site Operations</u>

2.1 **General**

- 2.1.1 The site will be accepting hazardous and non-hazardous wastes, including construction, demolition and excavation wastes, some of which will be subject to physical treatment on-site, including crushing, screening and coating. The non-hazardous waste will be accepted, stored and processed in line with the existing Standard Rules Permit. A single additional hazardous waste code is proposed as part of this EP application, which includes asphalt waste. This will also be subject to crushing, screening and coating processes.
- 2.1.2 The loads will be tipped into a reception area where the hazardous and non-hazardous fractions will be segregated by hand, shovel and excavator and transferred to the relevant areas on site.
- 2.1.3 Hazardous and non-hazardous waste streams will never be mixed within the treatment plant, they will only be put through as single, segregated waste streams.

2.2 Non-hazardous Wastes

- 2.2.1 Waste that arrives on site and known to be non-hazardous will be deposited directly into the non-hazardous treatment stockpile and treated in line with the activities permitted under the existing Standard Rules Permit.
- 2.2.2 If any non-hazardous waste has been segregated from the hazardous load it will be transferred into the non-hazardous stockpile where it will undergo further treatment by manual/mechanical separation, crushing, screening and blending. Suitable non-hazardous materials will also be subject to treatment within the asphalt waste treatment plant.

2.3 Hazardous Waste

- 2.3.1 The hazardous waste will be transferred into the appropriate storage area prior to being processed through the crusher, screener and asphalt waste treatment plant, currently regulated by the Local Authority under a Part B mobile permit. Following treatment, the material will be transferred to the appropriate storage area on an impermeable surface where the load will undergo further analytical testing.
- 2.3.2 The site will accept more than 10 tonnes of hazardous waste per day and may store more than 50 tonnes of hazardous waste at any one time.
- 2.3.3 In addition to the waste codes permitted to be accepted at the site under the existing Standard Rules Permit, the following additional waste code is proposed to be accepted:
 - 17 03 01* Bituminous mixtures containing coal tar

3 Application Proposals

- 3.1 J. Fisher & Sons Ltd will hold an operate an EP for the following activities under Schedule 1 Part 2 of the permitting regulations:
 - Section 5.3 Part A1(a)(ii) hazardous waste installation physico-chemical treatment (referenced as 1.16.1.2 of the EPR 2022 charging tables) covering hazardous waste treatment activities.
 - Section 5.6 Part A1(a)(i) Temporary storage of hazardous waste (referenced as 1.16.4 of the EPR 2022 charging tables) – covering hazardous waste storage activities.
- 3.2 In addition, the following activities will be undertaken, a continuation of activities currently regulated under the existing Standard Rules Permit.
 - Physical treatment of non-hazardous waste (referenced as 1.16.12 of the EPR 2022 charging tables) covering non-hazardous waste treatment and storage activities.

Annual Throughputs:

3.3 The site will predominantly be operated in line with the existing Standard Rules Permit, in addition to including the European Waste Catalogue codes proposed in Section 4. The entire throughput of the site will be limited to <75,000 tonnes per annum i.e. 50,000 tonnes per annum comprising hazardous waste with the remaining 25,000 tonnes per annum comprising non-hazardous materials, most of which are already permitted under the existing Standard Rules Permit.

Storage Capacities:

3.4 The site will have an entire storage capacity of 40,000 tonnes at any one time which will comprise a mixture of hazardous waste and non-hazardous waste storage. It is worth noting that the maximum storage capacity for the hazardous waste will be 30,000 tonnes at any one time whilst the non-hazardous waste storage capacity will remain at 40,000 tonnes at any one time as already permitted.

Treatment Capacities:

- 3.5 The proposed daily treatment capacities for each waste stream (hazardous and nonhazardous) are detailed below:
 - Hazardous waste 500 tonnes per day
 - Non-hazardous waste 500 tonnes per day
- 3.6 The Environmental Permit is required for the storage (keeping) prior to removal, and treatment (all types of handling/processing) of waste. Waste treatment processes for non-hazardous waste to 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 screening plant and equipment)
 - Crushing (by using appropriate mechanical plant and equipment)
 - Blending (by loading shovel / 360° tracked excavator)
 - Asphalt coating (by using appropriate mechanical plant and equipment)
- 3.7 Waste treatment processes for hazardous waste to 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 screening plant and equipment)
 - Crushing (by using appropriate mechanical plant and equipment)
 - Blending (by loading shovel / 360° tracked excavator)
 - Asphalt coating (by using appropriate mechanical plant and equipment)

4 Proposed European Waste Catalogue Codes

4.1 The following European Waste Catalogue codes will be accepted at the site as currently listed on the existing Standard Rules EP, with the inclusion of a single hazardous waste code (17 03 01*). EWC codes 20 01 41 & 20 03 03 are being removed from the permit as part of this application, on this basis an FPP is not required as part of the application.

Permitted waste types and quantities			
Maximum Quantities	The total quantity of waste accepted for activity shall be less than 75,000 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		

Table 4.1 – EWC Codes

Permitted waste types	and quantities		
Maximum Quantities	The total quantity of waste accepted for activity shall be less than 75,000 tonnes a year.		
Waste Code	Description		
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		
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 01*	bituminous mixtures containing coal tar		
17 03 02	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		
19	Wastes from waste management facilities, off-site waste water treatment		
	plants and the preparation of water intended for human consumption and		
10.05	water for industrial use		
19 05	wastes from aerobic treatment of solid waste		
19 05 03	compost from source segregated biodegradable waste only		
19 08	wastes from waste water treatment plants not otherwise specified		
19 08 02	washed sewage grit (waste from desanding) free from sewage		
10.09.00	containination only		
19 08 99	wastes from the preparation of water intended for human consumption or		
1505	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	other waste (including mixture of materials) from mechanical treatment of		
	waste other than those mentioned in 19 12 11		
19 12 12	treated bottom ash including IBA and slag other than that containing		
	dangerous substances 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		

Permitted waste types and quantities			
Maximum Quantities	The total quantity of waste accepted for activity shall be less than 75,000 tonnes a year.		
Waste Code	Description		
20	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions		
20 01	separately collected fractions		
20 01 02	clean glass only		
20 02	garden and park wastes		
20 02 02	soil and stones		

5 <u>Environmental Risks and Controls</u>

- 5.1 The application has fully considered environmental risks and proposed appropriate controls.
- 5.2 The site will be operated in accordance with a comprehensive Environmental Management System, ensuring that appropriate procedures and measures will be in place to ensure control of potential emissions to air, land and water.
- 5.3 An Environmental Risk Assessment has been submitted with the permit application, demonstrating that sufficient controls will be in place to prevent adverse impacts on air, land and water.

6 **Documentation and Fees**

6.1 This application constitutes various activities and associated charges, detailed in the table below.

Table 6.1 -	- Base	Application	Fee Table
	Dusc	Application	

EPR Charging Scheme Ref	EPR Charging Scheme Ref & Description	Type of application (Ref)	Fee
1.16.1.2	Section 5.3 (a) (ii) - hazardous waste installation – physico- chemical treatment	New activity (Substantial Variation Fee)	£16,001
1.16.12	Physical treatment of non- hazardous waste	Secondary activity (50% of activity fee due to be reasonably associated with main activity)	£3,965
1.16.4	Temporary storage of hazardous waste	New secondary activity	£13,519
EPR Charging Scheme Ref	Charge for plans and assessme	Fee	
1.19.2	Habitats Assessment		£779
1.19.5	Emissions Management Plan (DEMP)		£1,241
		TOTAL FEE	£35,505

- 6.2 The site currently operates in accordance with an existing Standard Rules Permit. The variation is required since it is proposed to accept a single hazardous waste code in excess of 10 tonnes per day for treatment and include storage for more than 50 tonnes of hazardous waste at any one time.
- 6.3 Accompanying this Non-technical Summary, the following will also be submitted as part of this application:
 - a) Application forms Parts A, C2, C3, C4 & F1
 - b) Supporting Information and management plans.
 - c) Director Details (document ref: 1898-005-B)
 - d) Evidence of Technical Competence (required for relevant waste operations)