

Non-Technical Summary

Project Ref:	141421-DTM	Date:	23-Feb-22
Author:	J. Parry-Welsh	Site Ref:	Linhay Fields
Applicant:	DTM Recycled Aggregates Limited	EA Ref:	EPR/JB3200CV/A001

Introduction

Ashfield Solution Limited (“Ashfield”) has been commissioned by DTM Recycled Aggregates Limited (“DTM” or “the Client”) to prepare an Environmental Permit application for a new waste processing and transfer site at Linhay Hill, Ashburton, Newton Abbott, Devon, TQ17 7UP (“the site”). The site location and boundary can be seen in Drawing 01.

This Non-Technical Summary (NTS) has been prepared in accordance with the following:

- The Environmental Permitting (England and Wales) Regulations 2019

In support of the permit application the following documents have been submitted:

- Application forms: Part A, B2, B3 and F1
- Ashfield Solutions Limited - Site Condition Report (“SCR”). Ref: 141421-S01-SCR, dated February 2022.
- Ashfield Solutions Limited - Dust and Particulate Management Plan (“D&P MP”). Ref: 141421-S01-D&P MP, dated February 2022.
- Ashfield Solutions Limited - 141421-S01 - Climate Change Risk Assessment (“CCRA”). Ref: 141421-S01-CCRA, dated February 2022.
- Ashfield Solutions Limited - 141421-S01 - Environmental Risk Assessment (“ERA”). Ref: 141421-S01-ERA, dated February 2022.
- Ashfield Solutions Limited - Environmental Management System (“EMS”). Ref: 141421-S01-EMS, dated February 2022.
- Hunter Acoustics - Noise Impact Assessment (“NIA”). Ref: 6457/NIA1, dated February 2022
- Ashfield Solutions Limited Drawings:
 - 141421-S01-01 Site Location
 - 141421-S01-02-Site Receptor Plan
 - 141421-S01-03-Proposed Site Layout
- CIWM EPOC Course confirmation

Background Information

The site occupies an area of approximately 1.7 hectares (ha) and comprises a former quarry site. The site is to be utilised for waste importation and treatment to produce recycled aggregates, covered by the Standard Rule 2010 No12 permit (SR2010No12)¹ in accordance with Waste & Resources Action Programme: Quality protocol (WRAP: QP): aggregates from inert waste.

Site Operations

Site operations are set out in the Factory Control System (FCS) part of the EMS. The following procedures will be undertaken:

- Pre-acceptance Procedures;
- Materials Acceptance;
- Material Processing-Aggregates;
- Manufactured Products;
- Transport and Delivery.

The pre-acceptance procedures adopted by the Operator are under the Sector Guidance Note 5.06 section 2.1.1. To ensure that unsuitable wastes are not accepted onto the site. An Initial screening procedure, involving the provision of information and representative samples of the waste will be undertaken. This will determine the suitability of the waste for the activity before arrangements are in place to accept the waste and that they comply with the requirements of the environmental permit held

The acceptance of appropriate materials from gained contracts is the duty of head office staff and the waste acceptance process begins when the waste arrives at the processing facility.

Only wastes permitted within the permit holder will be accepted for aggregate or soil processing. Table 1 shows the European Waste Codes (EWC) and description of permitted wastes accepted onto the site.

Table 1. Permitted waste types

EWC Code	Description
17 0101	Concrete
17 0102	Bricks
17 0103	Ceramics and Tiles

¹ The Environmental Permitting (England and Wales) Regulations 2016: Standard rules SR2010No12 Treatment of waste to produce soil, soil substitutes and aggregate.

17 0107	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02 02	Glass
17 03 02	Bituminous Mixtures
17 05 04	Soil and Stones
17 05 08	Track Ballast
20 02 02	Soil and Stones (garden and park only)

Exclusions

Waste having any of the following characteristics shall not be accepted:

- Consisting solely or mainly of dust, powders, or loose fibres;
- Hazardous wastes;
- Wastes in liquid form.

The DTM processing area consists of the following equipment to allow segregation of the waste:

- 1x Front-loaders etc;
- 1x 13 tonne 360 excavator;
- 1x Screener;
- 1x Crusher.

Suitable material for recycling will be stockpiled and processed after being visually checked at the acceptance stage and tipped into the appropriate bay. The material will be manually picked at this stage allowing for the vast majority of physical contaminants to be removed.

After processing, manufactured products will be subject to a visual inspection to ensure that all forms of physical contaminants (woods, metals, plastics etc.) have been removed before testing. If physical contamination is encountered, the material shall be screened and segregated to ensure a high enough standard to meet the relevant criteria.

Management of Activities

The site will operate following the Environmental Management System (EMS), in accordance with the guidance provided by the EA. The EMS will be used to manage, support and promote the operations undertaken by DTM at the Linhay Hill facility, in a manner that does not endanger human health, cause nuisance or adversely affect the surrounding environment.

All staff and external contractors will be made aware of the environmental policy before commencing work on site. The management system and supporting procedures will be available for inspection at the facility and will apply to all staff, contractors and visitors to the plant.

A record-keeping system will be implemented on-site as part of the management system. The management system will include the programme for the monitoring and reporting of emissions from the operation, which will be required by condition on the environmental permit.

Risk Assessment and Management

Dust and Particulate Matter

The Dust and Particulates Management Plan (D&P MP) provides detailed information on the sources, risks and mitigation measures related to the potential emission of dust and particulates from the operations proposed to be undertaken on this site.

Utilising data collected from Exeter Airport, wind characteristics for the site including predominant wind directions were established. The wind data was used to predict the impact on potential off-site receptors.

The D&P MP sets out mitigation measures to be implemented on-site to reduce the emission of dust and mitigate the effects of emissions should these be released. The D&P MP includes site management and dust monitoring procedures.

Environmental Risk Assessment

An environmental risk assessment has been conducted to assess the likelihood of the site causing harm to the environment and sensitive receptors. This includes describing potential hazards and impacts and what precautions are to be taken to reduce the risks.

Noise

A noise risk assessment has been conducted by Hunter Acoustics Limited (“Hunter”) Ref: Ref: 6457/NIA1, dated February 2022. The report identified Noise Sensitive Receptors (NSRs) and established typical daytime background sound levels at all the NSRs and sourced noise data for each item of plant.

An acoustic model was used to predict sound levels from the proposed waste transfer station operations to the existing NSRs to assess the noise impact and it was assessed that noise levels are unlikely to have an adverse impact.

Climate Change Risk Assessment

The CCRA was conducted to identify the likelihood of future climate hazards and their potential impacts on the site.

The only risk identified to the site from climate change would be increased temperatures and/or reduced rainfall. These factors may increase dust and particulate matter emissions from the site increasing the demand for water usage.

Documentation and Fees

Ashfield has sought guidance from the Environment Agency using pre-application advice (Ref. EPR/JB3200CV/A001) and the proposed fees and documents required.

- Application forms Parts A, B2, B4 & F1

The proposed fees are shown in Table 2.

Table 2. Proposed Fees

Charging Scheme Ref	Charging Scheme Ref & Description	Type of application (Ref)	Fee
1.16.72	SR 2010 No.12 - treatment of waste to produce soil, soil substitutes and aggregate.	Bespoke Permit Application	£2,641
Total			£2,641

Table 3 summarises which parts of the application forms request the above documentation which would normally be completed in Application Form Part F1; Section 6.

Table 3. Application Form Reference Table

Application Form	Question Ref	Page No.	Document Ref
B2	3b	5	CIWM training confirmation
B2	3d	8	141421-S01-NTS
B2	6	10	141421-S01-ERA
B2	5a	9	141421-S01-03-Proposed Site Layout
B2	5b	9	141421-S01-SCR
B2	5c	9	141421-S01-NTS

B2	6b	11	141421-S01-CCRA
B4	1	3	141421-S01-EMS
B4	3b	5	141421-S01-EMS
B4	4a & 4b	6	141421-S01-D&P MP