



**REPORT**

**Biffa Waste Services Ltd., Renwick Road Rail Hub**  
*Environmental Permit Application, Supporting Statement*

Submitted to:

**Biffa Waste Services Ltd**

Biffa Waste Services Ltd  
Redhill Landfill Site  
Cormongers Lane  
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Submitted by:

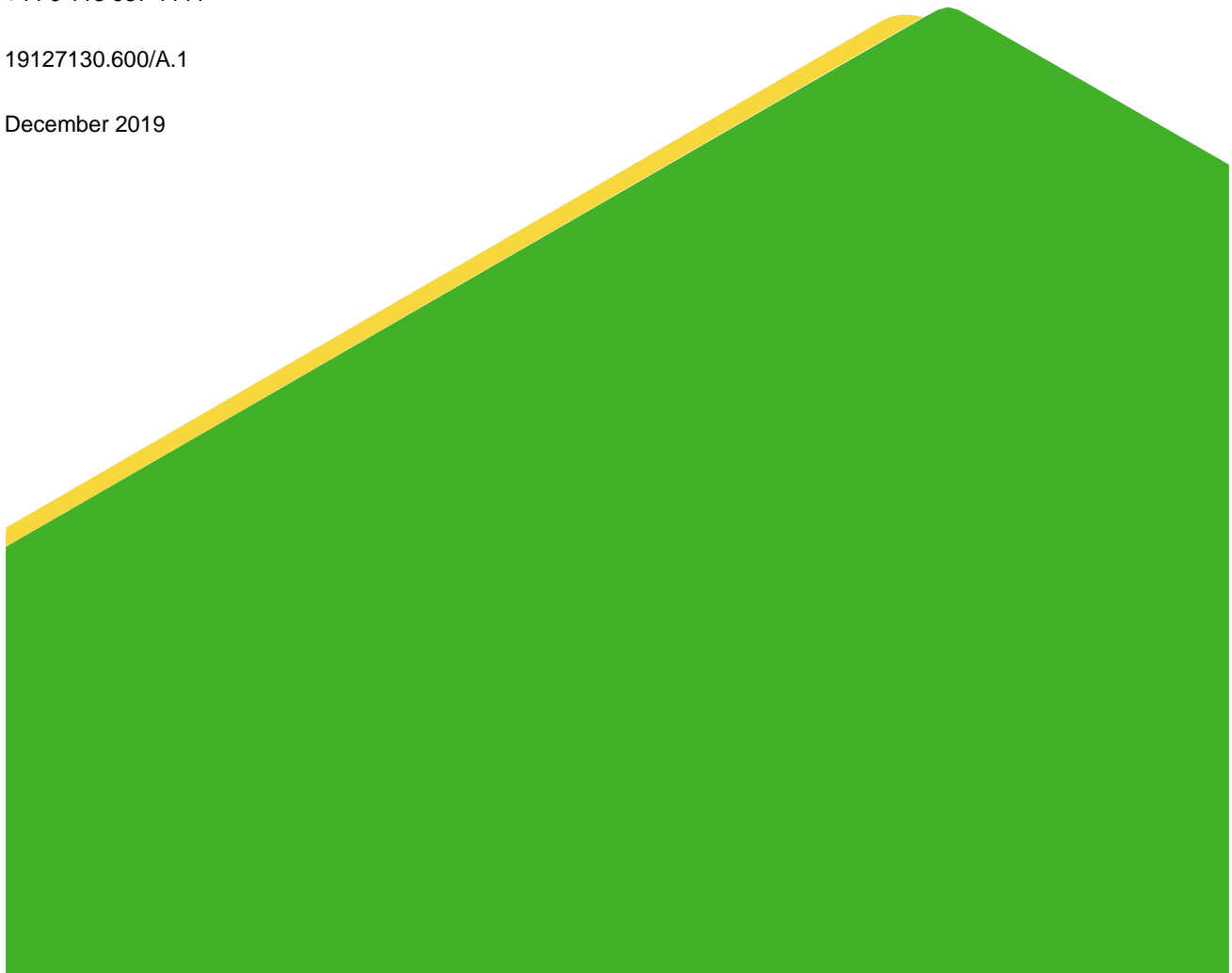
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## 1.0 INTRODUCTION

### 1.1 General

Biffa Waste Services Ltd ('Biffa') has requested Golder Associates (UK) Ltd ('Golder') to prepare an Environmental Permit ('EP') Application ('Application') for a Waste Transfer Station at Renwick Road, Barking, East London ('Site') at NGR TQ 470 833. The location of the Site is shown on **Drawing 1 – Site Location Plan**. The proposed Environmental Permit boundary is shown in **Drawing 2 – Environmental Permit Boundary**.

Permission is sought to authorise the following recovery and disposal activities for waste operations:

- R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced);
- D14: Repackaging prior to submission to any of the operations numbered D1 to D13 such as bulking up transfer stations prior to disposal; and
- D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced).

### 1.2 Objective of the Application

The objective of this Application is to obtain an EP which enables Biffa to accept by road and transfer to rail (i.e. a 'Rail Hub') up to 300,000 tonnes of selected non-hazardous wastes per year.

The information presented in this application accords with that approved by the Environment Agency ('EA') for Biffa's existing Rail Hub Waste Transfer Stations in Leeds and Manchester.

## 2.0 APPLICATION FORMS

As required for a new bespoke waste operation EP application, Parts A, B2, B4 and F1 of the application form have been completed. This form is the main driver behind the application such that the EA is able to verify that the regulatory requirements have been met. This section provides responses to the relevant questions on each part of the form and signposts to supplementary documents provided in support of the application.

The application form is provided at the front of this EP application document.

### 2.1 Form Part A – About the Applicant

#### 2.1.1 Qu. 5c: Details of Directors

A list of the Director's details are as follows:

**Table 1: List of Directors**

Name	Position	Date of Birth
Michael Robert Mason Topham	Director/CEO	See application form
Sarah Parsons	Company Secretary	See application form
Richard Neil Pike	Director/CFO	See application form
Michael Charles Davis	Director/COO	See application form
Jeffrey Anderson	Director/COO	See application form
Biffa Corporate Services Limited	Director	Not Applicable

## 2.2 Form Part B2 – General Bespoke Permit

### 2.2.1 Qu.1a: Discussions before Application

No formal pre-application meeting has been held or advice sought from the EA; however, the Application has been prepared on the basis of the site-specific location and information required for Biffa's two other existing, operational, rail hub facilities.

### 2.2.2 Qu.2a: Site Address

The Site is located within the Rippleside Commercial Estate, Barking, London, and is accessed from Renwick Road, just off the A13.

### 2.2.3 Qu.3a: Relevant Offences

A list of Relevant Offences is provided in **Appendix 1**.

### 2.2.4 Qu.3b: Technical Ability

Biffa will operate the Site under appropriate management by personnel with certification from WAMITAB. A copy of the certificates for the named technically competent person is provided in **Appendix 2** of this application.

### 2.2.5 Qu.3d: Management Systems

Biffa operates its existing facilities in accordance with an Environmental Management System (EMS), that is referred to as an Integrated Management System (IMS), which is certified to ISO14001. The management system includes a set of procedures that covers all Site activity from pre-acceptance checks, acceptance of waste, storage and handling of waste, to day-to-day operations of the Site.

Biffa will implement the existing management system at the Renwick Road facility. A summary of it is provided in **Appendix 3** of this application, along with a copy of the certificate.

Biffa also has an Environmental Management Plan (EMP) or 'Working Plan' which forms part of the overarching EMS and will relate specifically to the proposed activities at Renwick Road Waste Transfer Station. The EMP details the potential impacts of the Site on the environment, including the closest neighbours, and outlines measures in place to control, minimise and mitigate and potential environmental impacts. This is included as **Appendix 4** of this application.

### 2.2.6 Qu.5a Site Plans

Site Plans are provided in **Appendix 5**.

### 2.2.7 Qu.5b: Site Condition Report

A Site Condition Report ('SCR') is provided in **Appendix 6**.

### 2.2.8 Qu.5c: Non-Technical Summary

A Non-Technical Summary ('NTS') of the application is provided in **Appendix 7**.

### 2.2.9 Qu.5d: Fire Prevention Plan

A Fire Prevention Plan ('FPP') is provided in **Appendix 8**.

### 2.2.10 Qu.6 Environmental Risk Assessment

An Environmental Risk Assessment ('ERA') has been produced to identify the potential hazards and likelihood of impacts from operations at the Site and is provided as **Appendix 9**.

## 2.3 Form Part B4 – New Bespoke Waste Operation

### 2.3.1 Qu.1: Waste Activities Undertaken

#### 2.3.1.1 Qu.1a: List of Wastes Accepted

The proposed waste recovery and disposal activities are described in Section 1.1 of this Supporting Statement. The waste types to be accepted at the Site and requested to be included in the EP are listed in **Table 2**. All waste types listed are classed as inert and non-hazardous. The maximum amount of waste to be accepted at the Site shall not exceed 300,000 tonnes per year. The waste acceptance procedure is included as part of the EMP in **Appendix 4** of this application.

**Table 2: Waste Types to be accepted at the Site**

Waste Code	Description
<b>01 04</b>	<b>Wastes from physical and chemical processing of non-metalliferous minerals</b>
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	Waste sand and clays
01 04 13	Wastes from stone cutting and sawing other than those mentioned in 01 04 07
<b>01 05</b>	<b>Drilling muds and other drilling wastes</b>
01 05 04	Freshwater drilling muds and wastes
01 05 07	Barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08	Chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
<b>05 01</b>	<b>Wastes from petroleum refining</b>
05 01 10	Sludges from on-site effluent treatment other than those mentioned in 05 01 09
<b>10 11</b>	<b>Wastes from manufacture of glass and glass products</b>
10 11 12	Waste glass other than those mentioned in 10 11 11
<b>10 12</b>	<b>Wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>
10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)
<b>17 05</b>	<b>Soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
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	Ballast
<b>17 09</b>	<b>Other construction and demolition wastes</b>

Waste Code	Description
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
<b>19 02</b>	<b>Wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 06	Sludges from physico/chemical treatment other than those mentioned in 19 02 05
<b>19 12</b>	<b>Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 05	Glass
19 12 09	Minerals (for example sand, stones)
19 12 10	Combustible waste (refuse derived fuel)
19 12 12	Other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11
<b>19 13</b>	<b>Wastes from soil and groundwater remediation</b>
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
<b>20 02</b>	<b>Garden and park wastes (including cemetery waste)</b>
20 02 02	Soil and stones
<b>20 03</b>	<b>Other municipal wastes</b>
20 03 03	Street-cleaning residues ( <i>Site cleaning residues from Renwick Road only, not third party</i> )

## 2.3.2 Qu. 2a: Emissions to Air, Water and Land

### 2.3.2.1 Emissions to Air

There will be no point source emissions to air associated with the Site; however, it is recognised that fugitive emissions to air from the Site have the potential to arise as dust or particulate matter, and odour.

#### Dust and Particulate Matter

The potential sources for emissions of dust and particulate matter at the Site will be associated with vehicle movements and unloading and re-loading of granular materials.

A Dust Management Plan ('DMP') has been produced for the Site to detail the control measures in place to manage and minimise emissions of dust and particulate matter. The DMP is provided in **Appendix 10**.



## Odour

Only wastes which do not have the potential to result in unacceptable odour emissions will be accepted onto the Site and waste acceptance procedures are provided as part of **Appendix 12**. However, an Odour Management Plan ('OMP') has been produced for the Site in order to manage and minimise any residual risk of odour emissions. The OMP is provided is **Appendix 11**.

### 2.3.2.2 Emissions to Water

There will be no point source emissions to water associated with the Site.

The Site will be completed in hardstanding, with the storage area being surfaced with reinforced concrete pavement (Appendix 5, Drawing 4). The storage area is fully sealed and graded to a channel drain on the southern edge of the paved area, this drainage channel flows east to west. The channel will drain directly to an interceptor and tank towards the west of the Site that will be periodically emptied of both water and fines. This will provide a fully closed system with no surface water discharge point.

### 2.3.2.3 Emissions to Land

There will be no point source emissions to land associated with the Site.

### 2.3.2.4 Emissions to Sewer

There will be no point source emissions to sewer associated with the Site.

## 2.3.3 Qu.3b: General Requirements

An EMP or 'Working Plan' is provided in **Appendix 4**.

The ERA provided in **Appendix 9** of this Application assesses potential fugitive emissions from the Site and control measures for dust and odour shall be put in place. A Dust Management Plan is provided in **Appendix 10**. An Odour Management Plan is provided is **Appendix 11**.

Due to the nature of the site setting within a commercial estate, adjacent to existing railway and third-party soil hub, and in line with Biffa's existing approved rail hub facilities in Leeds and Manchester, no noise or vibration management plan is provided.

## 2.3.4 Qu.4: Monitoring

Monitoring requirements are described in the Dust Management Plan (**Appendix 10**) and Odour Management Plan (**Appendix 11**).

## 2.4 Form Part F1 – Charges and Declaration

### 2.4.1 Application Fee

In accordance with the current EP charging scheme, Application Charge Table, Reference 1.16.6, the Bespoke Environmental Permit application fee for a waste operation under a household, commercial and industrial waste transfer station category, is £9,176.

There are three additional components with charges:

- Ref 1.19.3 Fire Prevention Plan;
- Ref 1.19.5 Dust Management Plan; and
- Ref 1.19.6 Odour Management Plan.

These have a combined additional fee of £3,728, giving a total fee of £12,904.

Payment has been made by BACS, ref: PSCAPPBIFFA0350.

## Signature Page

### Golder Associates (UK) Ltd



Jeremy Lightfoot  
*Project Manager*



Chris McDonald  
*Principal*

Date: 20 December 2019

MD/RS/CM/pw

Company Registered in England No. 1125149

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**APPENDIX 1**

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# Waste Acceptance Procedures



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