

1 INTRODUCTION

- 1.1 An application has been submitted to vary an Environmental Permit on behalf of Albright Transfer Station Limited at their facility in Unit 6, Albright Industrial Estate, Ferry Lane North, Rainham, RM13 9BU.
- 1.2 The Environmental Permit was originally issued on 13 November 1998. It has been subject to several variations.
- 1.3 In 2020, the environmental Permit was varied and consolidated.
- 1.4 In 2024, the permit was varied to make the following changes.
 - Change the Permit Boundary
 - Add Washing as a specified activity
 - Increase the annual throughput from 75,000 tpa to 150,000 tpa
 - Consolidate DP3896NH into the main permit YP3891NY
 - Add waste codes:
 - 170204* Wood containing or contaminated with dangerous substances
 - 170301* Bituminous mixtures containing coal tar
 - 191206* Wood containing dangerous substances
 - 200137* Wood containing dangerous substances
- 1.5 The current version is EPR/YP3891NY C011.
- 1.6 It is proposed to amend the permit to enable the operator to receive and treat hazardous construction, demolition and excavation waste. This will change the nature of the facility from a waste operation to an installation.
- 1.7 The following activities are required:
 - Section 5.3 Part A (1) (a) Disposal or recovery of hazardous waste with a capacity exceeding 10tpd involving: ii) Physico-Chemical Treatment
 - Section 5.6 Part A(1) (a) Temporary storage of hazardous waste within a total capacity exceeding 50 tonnes
- 1.8 The following waste codes will be added to the permit:
 - 170106* Mixtures of, or separate, fractions of concrete, bricks, tiles and ceramics containing dangerous substances
 - 170503* Soil and stones containing dangerous substance
 - 17 06 05* Construction waste containing asbestos
 - 170903* Other construction and demolition wastes containing dangerous substances
 - 191211* Other wastes from mechanical treatment of wastes containing dangerous substances
- 1.9 The operator does not intend to receive construction waste containing asbestos at the current time. It requests the code to be added to the permit but will not accept this

waste until it has updated its EMS and Management Plans and sought approval from the Environment Agency.

- 1.10 It is also proposed to increase the annual throughput at the facility to 300,000 tpa, of which 50,000 tpa will be hazardous waste. This is a minor variation as it will not increase the storage capacity for the site. It reflects the use of the Wash Plant which handles heavy waste.
- 1.11 A Risk Assessment has been carried out and is provided as a separate excel spreadsheet (ATS-FL-ERA2025-V1). The assessment has shown that due to the site's location and operational controls in place, there will be no risk to the environment or human health.
- 1.12 The only potential emission is dust. The site has an existing Dust and Emissions Management Plan. This has been updated to include the hazardous waste controls.
- 1.13 The application is supported by the following documents:
 - Non-Technical Summary
 - Variation Report which includes a summary EMS
 - Risk Assessment
 - Dust and Emissions Management Plan
 - Site plans:
 - Site Infrastructure Plan
 - Monitoring Plan
 - Elevation Plan
 - Hazardous Waste Layout Plan
- 1.14 The operator has an Environmental Management System (EMS). As the EMS is a live document, a summary is provided with this application describing the operational procedures. Once approved, the details will be incorporated into the EMS.
- 1.15 The EMS includes procedures for training, maintenance, monitoring, dealing with complaints, recording and operations.
- 1.16 The site will have a Technically Competent Manager, with qualifications to manage the hazardous waste operation. The Site Managers will attend the HazWasteOnline Waste Classification Course.
- 1.17 A new building will be used for receiving and treating hazardous waste, under controlled conditions. With a full audit trail including pre-acceptance testing, on-site testing, tracking, batch control and dispatch.

2 PROPOSED CHANGES

Annual Throughput

- 2.1 It is proposed to increase the annual throughput from 150,000 tonnes to 300,000 tonnes of 50,000 tonnes will be hazardous waste. Whilst the throughput is doubling, it is in response to increase demand for construction and demolition waste, which is a heavier waste stream.

Add Activity

- 2.2 It is proposed to add activities to allow the storage and treatment of hazardous waste. As this will involve more than 10 tonnes per day, the facility will become an installation.
- 2.3 The treatment will involve screening to separate stones and soils. The treatment process could manage 200 tonnes per day, with no more than 500 tonnes being stored at any one time.
- 2.4 A new building will be provided for the hazardous waste operation.

Add Waste Codes

- 2.5 The permit variation seeks to add the following waste codes:
- 170106* Mixtures of, or separate, fractions of concrete, bricks, tiles and ceramics containing dangerous substances
 - 170503* Soil and stones containing dangerous substances
 - 170903* Other construction and demolition wastes containing dangerous substances
 - 191211* Other wastes from mechanical treatment of wastes containing dangerous substances
- 2.6 Only vehicles under the control of the operator will be used to deliver hazardous waste. This allows the operator to maintain full control of this waste from pre-acceptance and site acceptance. All drivers involved with transporting hazardous waste will receive training and will be subject to regular auditing for compliance. This will include the operator's own vehicles and that of companies that have been pre-approved.
- 2.7 All site-based staff will receive training for the new procedures.