



Non-Technical Summary

Rotherham Road, Dinnington, Sheffield,
S25 3RD

Universal Glass Ltd.

Document Reference: Application Bespoke 432-1 NTS



Minerals
Waste
Environment

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SECTION 1: Non-Technical Summary

1.0. Introduction

1.1. This document forms a non-technical summary in support of an application on behalf of *Universal Glass Ltd.* (the operator) for a Bespoke Permit for glass recycling at Rotherham Road, Dinnington, Sheffield, S25 3RD (grid reference: SK 51145 86652).

1.2. The Site was previously operating under the following exemptions:

- S2 – Storing waste in a secure place
- T4 – Preparatory treatments (baling, sorting, shredding etc.)
- T5 – Screening and blending waste
- U1 – Using waste in construction
- U9 – Using waste to manufacture finished goods

1.3. It is proposed for the throughput of the site to be less than 75,000 tonnes a year. A bespoke permit is being applied for (as opposed to standard rules) due to the proximity of a protected species.

1.4. The application seeks to mirror the SR2022 No.4 permit so far as it would be relevant. The proposed list of wastes would be much reduced and, correspondingly, not all of the Techniques listed would be required.

2.0. Application Overview

2.1. The Bespoke Permit application includes the following:

- Non-Technical Summary (NTS)
- Application Forms
- Supporting Plans
- Environmental Risk Assessment (ERA)



- Fire Prevention Plan (FPP)
- Environmental Management System (EMS) Summary
- Site Condition Report (SCR)
- Dust Emissions Management Plan (DEMP)
- Ecological Letter
- Noise Impact Assessment (NIA)

3.0. Site Description

3.1. The Site is located to the southwest of Rotherham Road on an industrial estate and is currently a glass recycling facility covering an area of approximately 2.1ha. Operations at the site includes the crushing and screening of glass before bagging it for sale.

3.2. The proposed green line boundary is shown in Appendix A: Permit Boundary.

3.3. The Site is on the western edge of Dinnington, located approximately 2.7km to the southeast of Thurgroft and 2.6km to the northeast of the village of Todwick, near Sheffield.

3.4. The Site is bounded to the:

- North by the wider industrial park that the site is part of, Horizon Care Homes and Waterside Grange Care Home.
- South by the wider industrial park that the site is part of.
- East by City Limits Zone (dance studio), Rotherham road and residential areas
- West by Secure Storage South Yorkshire (a caravan storage area).

3.5. The nearest residential receptors are to the north of Rotherham Road (approximately 50m), though there is a dance studio; City Limits Zone, immediately adjacent to the site in the north-eastern boundary. The site is not located in an Air Quality Management Area (AQMA)

- 3.6. The site is not located in a drinking water safeguard zone or Source Protection Zone, and there are no boreholes / springs for water supplies for human consumption within 50m. The ground water is designated as 'medium vulnerability'. The bedrock beneath the site is designated as a Secondary A Aquifer. The site is located within Flood Zone 1 which has a low risk of flooding from rivers / sea.
- 3.7. There are no statutory environmental designations within 1km of the site. The closest Priority Habitat is some 180m away; to the west Deciduous Woodland and to the northwest No Main Habitat but Additional Habitat Exists. The site has been found to offer limited value for protected or notable species. The site provides limited value for breeding birds and bats; though was found to support habitats common in the local area. The proposed activities at the site are not considered to pose a risk to protected or notable species present locally
- 3.8. The site includes nine buildings, only two of which would be used for the storage and processing of waste. The others are used as an office, site maintenance and weighbridge etc. Externally, there are concrete bays¹ on an impermeable surface with a sealed surface water drainage system including an oil interceptor.
- 3.9. The proposed site layout is provided in the accompanying site layout plan (Appendix B: Site Layout Plan).

4.0. Waste Types and Throughput

- 4.1. The application proposes the acceptance of up to 75,000 tonnes of waste per year. The predominant waste stream is glass.
- 4.2. A list of wastes is included as part of the application. It should be noted that all of these are listed in the standard rules permit SR2022 No.4 (non-hazardous waste recycling with asbestos, hazardous batteries, cable and WEEE storage) but that most waste codes listed in

¹ Formed from concrete 'Lego' blocks

the standard rules are not required for the proposed operation, as these would not include glass.

- 4.3. It is proposed to restrict the wastes that can be accepted at The Site under the waste code 19 12 12. The operator's target material from this waste code is glass. Therefore, the following wording is proposed to be added alongside the waste code: "Wastes consisting predominantly of glass, with smaller fractions of packaging materials".

5.0. Activities / Process

- 5.1. The working hours are proposed to be as follows:

08:00 to 17:00 Monday to Friday

08:00 to 16:00 Saturday

- 5.2. No work would be undertaken on Sundays, or bank holidays, when only emergency maintenance of plant and equipment would be carried out.

- 5.3. Waste would arrive at The Site by HGV, a visual inspection would be carried out at the weighbridge, then the waste would be unloaded in the waste stockpiling area. The glass is crushed and screened outside with a second screening inside; once treated, the materials will be considered a specified, saleable product, and would no longer constitute a waste. Different products would be separately stockpiled and bagged before being loaded to HGVs for onward delivery.

- 5.4. In addition, the operator would carry out continual daily visual checks for non-conforming materials or contaminants.

- 5.5. A range of products would be separated out as part of the recycling process.

6.0. Emissions and Controls



- 6.1. An Environmental Risk Assessment has been completed in accordance with Environment Agency guidance *'risk assessments for your environmental permit'* and is included as part of the bespoke permit application.
- 6.2. There are no emissions arising from the proposed activities. However, the storage, handling and treatment of waste has the potential to generate dust and noise emissions.
- 6.3. An independent Noise Impact Assessment was commissioned to assess the impact of noise from the activities on the surrounding receptors. The associated report, dated February 2025 and produced by e3p concluded that, with high concrete block walls, no adverse impact is predicted at the receptors due to the proposed development. Therefore, a Noise Management Plan was not considered necessary.
- 6.4. To minimise the risk of unacceptable dust emissions, Technique 17 of Standard Rules 2022 No.4 would be followed. Technique 17 includes² installing hoods on feed hoppers, misting systems or water sprays at feed hoppers and outlets points, minimised drop heights, wind breaks utilised to minimise wind whip on stockpiles, daily inspection of equipment to minimise generation of dust through plant failure and regular cleaning of roads and operating areas to prevent dust generation.
- 6.5. The activities have the potential to cause pollution to land and water. Therefore, all storage and treatment will take place on an impermeable surface with sealed drainage. Oils and fuel will be stored securely with secondary containment. Spill kits will be provided on site.
- 6.6. All activities will be conducted in accordance with Environment Agency Guidance: *'Non-hazardous and inert waste: appropriate measures for permitted facilities'*.

7.0. Environmental Management System

- 7.1. The Site would operate under an Environmental Management System (EMS), prepared in

² Not a direct quote, see SR2022 No.4



- accordance with the current Environment Agency Guidance: *'Develop a management system: environmental permits'*. In addition to procedures for training, maintenance, monitoring, complaints, recording and operations, the EMS sets out the site Waste Acceptance Procedures. A summary of the EMS is provided as a supporting documentation to this application.
- 7.2. Staff will be trained in the various areas of the EMS specific to their role. The Site Manager is specifically responsible for ensuring that staff and contractors are adequately trained and that the requirements of the EMS are complied with. The EMS will be regularly reviewed and updated to reflect any changes to the operations at The Site or guidance. Staff will be made aware of the changes and receive additional training as required.
- 7.3. To minimise the risk of fire and ensure that a fire at The Site could be brought under control quickly, a Fire Prevention Plan has been prepared which forms part of the application. The plan details how the waste will be stored such as the maximum pile sizes and storage times, and the provisions for containing firewater in the event of a fire on site. Staff will be trained in the requirements of the Fire Prevention Plan which whilst a standalone document, forms part of the overall Environmental Management System.



Appendices

[Appendix A: Permit Boundary](#)

[Appendix B: Site Layout Plan](#)