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WASTE RESOURCE MANAGEMENT



**SYRACUSE WASTE LIMITED**

**PRIORSWOOD TRANSFER STATION, COMPOSTING AND HWRC FACILITY**

**NON-TECHNICAL SUMMARY**

**JULY 2023**

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**SYRACUSE WASTE LIMITED**

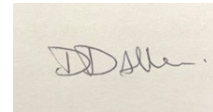
**PRIORSWOOD TRANSFER STATION, COMPOSTING AND HWRC**

**NON-TECHNICAL SUMMARY**

**JULY 2023**

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## 1 INTRODUCTION

1.1.1 Syracuse Waste Limited (a wholly owned subsidiary of Biffa) have commissioned Wardell Armstrong in preparing a variation application for their waste management site at Priorswood, Taunton. The site is operating under an Environmental Permit EPR/KB3605KR.

1.1.2 There are multiple waste activities that are undertaken at the Priorswood site:

- An Open Windrow Composting Facility, also referred to as the 'OWCF';
- A Household Commercial and Industrial (HCI) waste transfer station (with treatment and asbestos storage), also referred to as the 'HCI Transfer Station';
- A non-hazardous and hazardous household waste amenity site, also referred to as the 'Household Waste Recycling Centre' or 'HWRC'.

1.1.3 The following changes are applied for under this variation application:

- Addition of new waste types for the HCI Transfer Station and HWRC;
- Changes to the site layout with regard to waste storage;
- Relocation of the odour monitoring points;
- Relocation of the dust monitoring points.

1.1.4 The changes outlined above require the Odour Management Plan, Dust Management Plan and Fire Prevention Plan to be updated to reflect the proposed changes.

## 2 PERMIT VARIATION APPLICATION

2.1.1 The variation application comprises of the following documentation:

- This Non-Technical Summary;
- Application forms;
  - Part A1
  - Part C2
  - Part C4
  - Part F
- Operating Techniques report including description of how the site conforms with the relevant appropriate measures;
- Environmental Risk Assessment;
- Updated Odour Management Plan;

- Updated Dust Management Plan;
- Habitats Risk Assessment;
- Updated Fire Prevention Plan; and
- Drawings.

2.2 These documents demonstrate that the proposed changes will not pose an adverse risk to the environment. The site will continue to be operated in accordance with an Environmental Management System (EMS), and comprehensive management procedure is in place to ensure that any risks are managed.

### 3 PROPOSED CHANGES

3.1.1 As outlined in section 1.1.3 above, this permit variation seeks to add additional waste codes for the HCI Transfer Station and the Household Waste Recycling Centre, the majority of the waste codes to be added are already stored on site under a registered S2 Exemption: Storing Waste in a Secure Place<sup>1</sup>. Appendix 1 lists the additional wastes applied for under this variation application. Table S2.1 and Table S2.2 of the permit will need to be updated to reflect the changes. Both lists are set out according to the relevant European Waste Catalogue code (EWC code).

3.1.2 This variation application sets out the relocation of wastes on site and their storage locations. Site layout plans are provided to show where various waste streams will be stored, and the changes are also reflected in the Fire Prevention Plan.

3.1.3 The current permit specifies within table S1.1, activity reference A2 for the HCI transfer station with treatment and asbestos storage, that ‘all bulking, transfer or treatment shall take place on an impermeable surface with sealed drainage and inside a building, unless stored or treated outside as “specified waste”’. This variation seeks to amend this wording to remove the reference to waste storage locations (i.e. inside or outside of the building). This wording in the current permit is restrictive for the site operationally, and is based on a standard rules set (Table 2.3 of SR2008No7), which does not form part of the bespoke permit.

3.1.4 The current dust monitoring points are located outside of the site boundary, this variation seeks to change the location of the dust monitoring points to within the site boundary, and the Dust Management Plan has been updated to reflect the changes.

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<sup>1</sup> [S2 waste exemption: storing waste in a secure place - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/s2-waste-exemption-storing-waste-in-a-secure-place)

- 3.1.5 The variation seeks to change the location of the odour monitoring points, and the Odour Management Plan has been updated to reflect the changes.
- 3.1.6 An Environmental Risk Assessment and Habitats Risk Assessment has been produced to evaluate the potential risks to the environment, people and protected habitats and species as a result of these changes.

#### **4 ENVIRONMENTAL RISK AND MITIGATION**

- 4.1.1 The Environmental Risk Assessment assesses the risk from the changes applied for through this application, namely the additional waste streams being added, the potential impact of relocating odour and dust monitoring points and the changes to where waste is stored on site and how the environmental risk is mitigated.
- 4.1.2 Further description of the management of site operations and how they conform to 'appropriate measures' are provided in the Operating Techniques document.
- 4.1.3 The HCI Transfer Station and HWRC have impermeable surfacing with sealed drainage. The OWCF is carried out on hardstanding, on top of a separately permitted completed landfill site that is surfaced with rock and hardcore, bounded by earth bunds.
- 4.1.4 All waste treatment is carried out inside the Recycling Building. Wastes are stored both inside and outside. Waste storage times are kept to a minimum, at set out in the Fire Prevention Plan.
- 4.1.5 Daily site inspections are carried out, and the Site operates inline with a Fire Prevention Plan, Odour Management Plan and Dust Management Plan, which are included as part of this variation application.
- 4.1.6 Procedures within the site EMS ensure that inspections and maintenance of environmental protection infrastructure are completed in accordance with a required schedule.
- 4.1.7 The site is under control of a Technically Competent Manager who holds the appropriate qualifications. The TCM will ensure that their site attendance complies with Environment Agency requirements.

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