
NON TECHNICAL SUMMARY

This document has been prepared on behalf of Phoenix Green Solutions ('PGS' or 'The Applicant' hereafter) by Sol Environment Ltd and provides supporting evidence as required by Environmental Permit Application Forms Part C2 and C4 issued by Environment Agency (EA).

Phoenix Green Solutions ('PGS' or 'The Applicant' hereafter) is making this application to carry out a 'Substantial' Variation of their existing EPR permit under The Environmental Permitting (England and Wales) Regulations 2014 (as amended) in order to increase the total quantity of waste accepted at site.

The PGS site is located at Mays Hill Industrial Estate, Frampton Cotterell, Bristol, South Gloucestershire, BS36 2NS.

The site is currently permitted under EPR/KB3031AV to accept 26,000 tonnes per annum of green waste for composting within an In-Vessel Composting System known as the AgBag system. The purpose of this permit variation is to increase the total quantity of waste accepted at site to 60,000 tonnes per annum.

The In-Vessel Composting Facility currently meets the description of a 'Waste Operation' as defined by the Environmental Permitting Regulations. As a result of the increase in waste treated on site, the site now meets the definition of an Installation as defined by Section 5.4 'Disposal, recovery or a mix of disposal and recovery of non-hazardous waste' Part A(1)(b)(i):

'Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day (or 100 tonnes per day if the only waste treatment activity is anaerobic digestion) involving one or more of the following activities, and excluding activities covered by Council Directive 91/271/EEC— (i) biological treatment'

Although accepting more waste, there will be no amendments to the operation of the site and the amount of waste stored on site at any one time remains as currently permitted. This will remain as currently permitted and in accordance with the sites existing Standard Operating Procedures (SOPs).

Emissions to Air

There are no emissions to air resulting from this permit variation. The Ag-Bag system is a sealed system.

There will be no change to emissions to air as a result of this permit variation.

Emissions to Controlled Water

All drainage arrangements will remain as currently permitted.

A sealed lagoon with a capacity of 1,176m³ receives all run-off water from the impermeable hardstanding area on site. The lagoon is regularly monitored to ensure that there is always enough capacity to contain firewater in the event of a fire.

There are no process emissions to controlled waters.

Emissions to Land

There are no emissions to land arising from the Installation.

Odour

The site operates with a hierarchy of odour control and abatement measures to ensure that the potential for odour impacts is minimised. The AgBag composting system is a sealed system, eliminating the release of odour from the composting process.

The composting site has been operational for approximately 8 years and has never received an odour complaint. The principal means of odour control is the total containment of the compost within the static bag through its active stages, which eliminates the need for open piles and avoids the need to turn the compost at any stage of the compost process. The site has a Cobra Odourmaster Mobile Unit, that will be used during shredding / screening activities to reduce any potential odourous emissions from this part of the process when the wind is blowing towards any sensitive receptors. In addition, that site has a secondary water suppression unit and a water bowser if further water suppression is required.

As part of this permit application, a dedicated Odour Management Plan has been produced which details the odour measures on site. Please refer to *Annex 1 – Odour Management Plan* for more information.