Recycling and recovery UK

Castle Donington RDF Facility

Application for an Environmental Permit Variation

Non-Technical Summary

1. Introduction

This non-technical summary forms part of the application to vary the environmental permit (reference EPR/FP3898SY) for SUEZ Recycling and Recovery UK Ltd's Castle Donington RDF Facility ("the Site"). The Site is currently permitted as an installation for the production of refuse derived fuel (RDF) under S5.4 A1(a)(iii) of the Environmental Permitting (England and Wales) Regulations 2016 (EPR 2016).

The proposed variation seeks to remove the installation activity and associated activities from the permit, and instead allow the operation of a household, commercial and industrial (HCI) transfer station with treatment, including the expansion of the permitted list of wastes.

2. The Site

Castle Donington RDF Facility is located on Trent Lane, Castle Donnington, Derby DE74 2NP at National Grid Reference (NGR) SK 44478 28362. Access to the site is from Trent Lane, which connects to Station Road from the A50 Derby Southern Bypass, leading to the M1. The closest residential receptor is located approximately 400 metres southeast.

The Site is currently permitted as an RDF facility, allowing for the operation of installation activity S5.4 A1(a)(iii), that is the "Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving pre-treatment waste for incineration or coincineration" under EPR 2016. Wastes permitted for treatment are limited to mixed packaging, mixed municipal waste, bulky waste, RDF and other non-hazardous waste from mechanical treatment.

There are several directly associated activities related to the installation activity (see activity references AR2 – AR7), which allow:

- Storage of waste pending treatment;
- Bulking of recovered recyclable wastes;
- Storage of recovered RDF and recyclables;
- Surface waste management;
- Storage of fuel and oils; and
- Discharge of water to sewer.

Additionally, the permit allows for the receipt and transfer of paper and cardboard waste as a separate activity, with treatment limited to baling (see activity reference AR8).

3. The Application

SUEZ now propose to operate the Site as a transfer station; the current permit does not allow for the bulking, storage and transfer of waste unless it has been subject to shredding. Furthermore, the pre-treatment activity is no longer required for the recovery of wastes to be accepted at the site. Therefore, we seek to vary the permit to replace installation activities with conditions for a household, commercial and industrial (HCI) transfer with treatment, including the expansion of the permitted list of wastes.

The site will accept residual waste and recyclables, mainly from its industrial and commercial customers, including black bag waste, mixed packaging, cans, wood, metals, glass and food waste. A full list of proposed waste codes is provided as Appendix A. These wastes are aligned with Standard Rules *SR2015 No 4: 75kte household, commercial and industrial waste transfer station* and similar SUEZ Transfer Station facilities.

Treatment will be limited to sorting, separation, screening, baling, shredding, crushing, compaction, and bulking.

SUEZ wish to retain activity AR8 for the receipt and transfer of paper and cardboard with treatment limited to baling.

There will be no treatment of hazardous waste.

The transfer station activities will utilise the existing site infrastructure, including the transfer station building which is open on one side. All storage of waste and treatment activities will be undertaken under the cover of the waste transfer station building.

The whole site benefits from impermeable surfacing preventing fugitive emissions to water. Uncontaminated rainwater run-off in the outer yard drains to surface water sewer via interceptors.

There will be no change to the maximum annual permitted waste throughput of 75,000 tonnes.

Operation of the facility will be in accordance with the appropriate measures for non-hazardous and inert wastes. The site will operate under SUEZ's Integrated Management System and have necessary procedures and infrastructure for the safe management of waste, providing necessary protection to human health and the environment.

4. Supporting Documents

The information provided within this application is in accordance with pre-application advice from the Environment Agency received 16/12/2024, reference EPR/FP3898SY/P001. The enhanced pre-application advice is included within this application.

The application provides the following documents:

- EP1 Cover Letter, providing key details of the application;
- EP2 Contents Page, providing an overview of the application content;

- EP3 Non-Technical Summary, providing a summary of the variation application;
- EP4 Application Forms, including forms A, C2, C4 and F1;
- EP5 Operator Information, providing the details requested in the application forms;
- EP6 Pre-Application Information, providing details of the enhanced pre-application advice received;
- EP7 Management Plans, providing the operating techniques, environmental management plans and risk assessments demonstrating the site will operate in accordance with the relevant appropriate measures; and
- EP8 Letter of Authority, providing names of those authorised to sign on SUEZ's behalf.

A summary of the overall environmental risk from the site and appropriate required Management Plans are summarised below.

Hazard	Overall Risk	Detailed Management Plan Required?
Odour	Medium	Yes - requested by the EA during pre-application discussions.
Noise	Low	No - not requested by the EA during pre-application discussions.
Pests	Medium	No - not requested by the EA during pre-application discussions.
Dust	Low	Yes - requested by the EA during pre-application discussions.
Mud/Litter	Low	No - not requested by the EA during pre-application discussions.
Fire	Low	Yes - requested by the EA during pre-application discussions.

The site will continue to operate in accordance with the SUEZ accredited environmental management system, this will ensure that adequate management systems will be used at the site including procedures for monitoring, accident prevention and control of emissions.