

Hallenbeagle Transfer Station and Material Recycling Facility

Application for an Environmental Permit

Non-Technical Summary

Introduction

This Non-Technical Summary forms part of the application to apply for a new environmental permit for the Hallenbeagle Transfer Station and Material Recycling Facility (the site).

The site is located at Cornwall Business Park, Hallenbeagle, Scorrier, Redruth, TR16 5EN at National Grid Reference (NGR) SW 72700 44778.

The site is situated approximately 3.5km to the north east of Redruth town centre. Access to the site is from one of the Business Park roads which connects to the A30 via an overbridge and short section of road which serves some of the businesses at Scorrier. The Business Park Road forms the eastern boundary of the site. The main line railway forms the western boundary to the site, with the A30 dual carriageway just beyond this. The closest residential receptor is located approximately 25m north off Hallenbeagle Bridge Road.

The Application

The site will operate as a Refuse Transfer Station (RTS) with physical treatment, a Clinical Waste Transfer Station and a Material Recycling Facility (MRF). The combined waste acceptance limit for the site will be 140,000 tonnes per annum. The maximum combined annual tonnage for the RTS and Clinical Waste Transfer Station shall not exceed 100,000 tonnes and the annual tonnage for the MRF shall not exceed 40,000 tonnes.

The RTS will provide a facility for the storage and 'bulking up' of household residual waste (general waste), food waste, bulky waste, street sweepings and fly tipped waste collected by Waste Collection Authorities (WCAs), plus residual waste from SUEZ's network of Household Waste and Recycling Centres (HWRCs). The RTS will also accept waste from third party trade customers.

Non-hazardous and inert waste will be treated as part of the RTS. Treatment activities within the RTS will consist of manual sorting and separation. Street Sweeping will also naturally dewater. To allow flexibility treatment within the RTS could also consist of screening, baling, shredding or compaction of non-hazardous waste for disposal or recovery.

The Clinical Waste Transfer Station will provide a facility for the storage and 'bulking up' of offensive healthcare and clinical waste. There will be no physical treatment of waste as part of this activity.

The MRF will provide a facility for the physical treatment of recyclable materials for onward transport to re-processing facilities. Recyclable materials will derive from kerbside collections, third party trade customers and SUEZ’s network of HWRCs and Transfer Stations. The treatment includes manual and mechanical sorting/separation, screening, baling, shredding, compaction or ‘bulking up’ of waste.

In addition, there is a covered bale storage area to store waste bales and loose recyclable materials from the MRF.

Supporting Documents

The information provided within this application is in accordance with advice from the Environment Agency as part of the enhanced pre-application process, reference EPR/LB3906HB/A001, and subsequent emails dated 19th, 26th July 2023 and 11th August 2023. The enhanced pre-application advice is included within this application.

The Environmental Risk Assessment and Operations Management Plan detail the appropriate management procedures and mitigation measures in place to prevent or minimise the impact of the activities on the environment and human receptors.

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	Low	Yes – requested by the EA during pre-application discussions.
Noise	Low	Yes – requested by the EA during pre-application discussions.
Pests	Low	Yes – 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.