

1. Non technical summary

1.1. General overview

Colwick RDF & Transfer Facility 'the facility' which will be operated by Veolia ES (UK) Limited 'VES' is a new build waste transfer and treatment centre comprising the following elements: a new building for the bulking, treatment and transfer of waste materials collected from local businesses and householders with a series of internal bays for the storage of imported materials, including residual wastes, recyclates, clinical bins, and processed waste, and 8 external storage bays to store wood, glass, green, inert wastes and street sweepings. The facility will accept and process or transfer up to 150,000t per year of waste.

Treatment activities will include shredding of residual waste to produce Refuse Derived Fuel 'RDF'. Waste input during most of the years will be principally of a commercial nature although the site will accept and produce RDF from municipal waste to support the regional Energy Recovery Facility 'ERF' fleet during outages to assist with reducing the amount of residual waste needing to be diverted to landfill.

1.2. Site location

The facility is located off Road No. 3 in Colwick (Grid Reference SK 62634 40378) just off the A612 (Colwick Loop Road) in the Colwick Industrial estate area of Nottingham, east of Nottingham City Centre. The Facility is situated within Colwick Industrial Estate which includes several existing regulated waste activities and an anaerobic treatment plant.

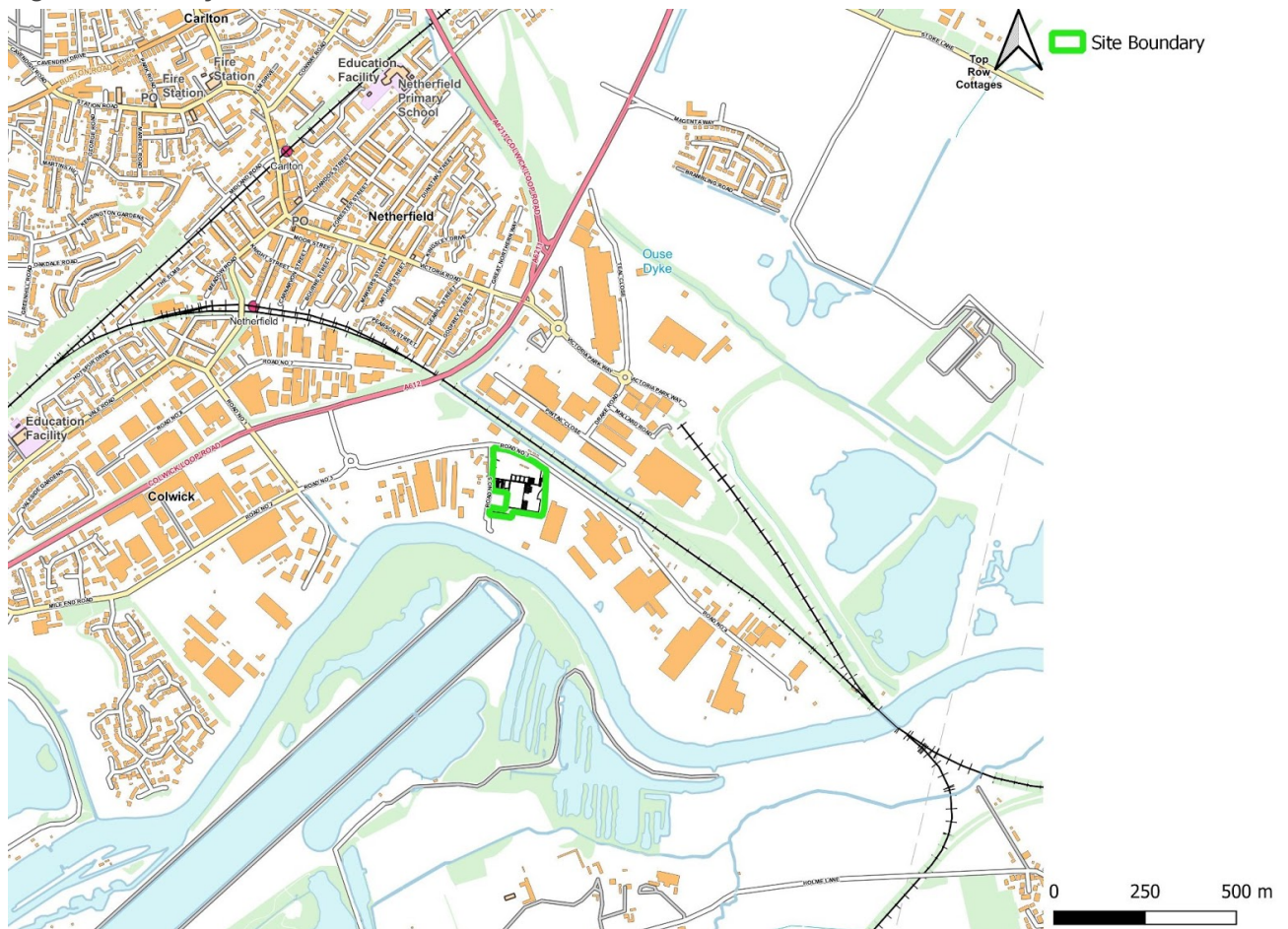
The wider area is predominantly Industrial and commercial comprising a range of activities. Amongst these there are several permitted waste management sites, including recycling facilities for general, aggregate and metal waste as well as an anaerobic digestion site and a waste transfer site.

The full address for the site is detailed below:

Veolia ES (UK) Limited
Colwick RDF & Transfer Facility
Private Road No. 3,
Colwick Industrial Estate,
Netherfield,
Gedling,

Nottinghamshire,
East Midlands,
NG4 2BD

Figure 1 - Facility location



1.3. Type of application

The application is for a new permit for the Colwick RDF & Transfer Facility. The RDF & Transfer Facility at Colwick has the primary purpose of serving regional transfer and bulking requirements of commercial customers including conversion of residual waste arisings into a fuel which will be used to generate electricity. The secondary purpose of the Facility is to support the regional ERF fleet in managing municipal residual waste arisings during outages. Both purposes increase the ability of Veolia to divert residual waste away from landfill.

It is envisaged that in normal operating circumstances, mainly commercial waste will be brought to site, although a proportion of Local Authority waste will also be accepted.

Accepted waste streams will mirror standard rules lists for transfer and treatment with asbestos storage (SR2015 No 10) and clinical waste and healthcare transfer (SR2008 No 24). Residual wastes will have the option of being processed (shredded with metals extracted) and then either; loaded into bulk haulage vehicles for onward transport to an available ERF or in the case of the ERF support function stored on site ready for onward transport for recovery. During ERF outages the waste will be managed on a first in, first out (FIFO) basis to ensure minimum storage times on site. There will also be an option for transfer loading without shredding as a contingency.

Initially VES are proposing to operate the site for transfer only for a period prior to commencement of shredding activities. During the period the site is operational as a sole transfer station there will be some elements of the associated Odour Management Plan 'OMP' which will not be implemented until shredding activities which have the highest odour emission potential are commenced - principally the installation of building air extraction and carbon abatement system and associated stack. This has been assessed and is consistent and proportional to the risk of off site odour emissions. In the medium term the Facility will also accept food waste but similarly to the RDF production activity this will not take place during the initial period of operation. The mechanism of accepting food waste has not yet been determined e.g. direct vehicle to vehicle loading or intermediate tipping.

VES proposes that the RDF production operation and acceptance of food waste can be subject to two separate improvement conditions. In order to carry out RDF production VES will install the odour abatement system described in this application. In order to carry out acceptance of food waste VES will carry out a risk assessment based on the chosen approach to acceptance and storage.

2. Management System & Technical Competence

2.1. Management System

The Veolia Management System is registered and approved to standards ISO 9001, ISO 45001 and ISO 14001. The operational, monitoring and management procedures implemented at the subject facility, are in accordance with the Veolia Management System and have been audited against the requirements of the standards detailed previously.

The proposed operation will be covered by group level and local procedures which form part of the Company's documented management system.