



Sands Farm Materials Recovery Facility, Sand Pit Road,
Calne, Wiltshire

Materials Recovery Facility

Non-Technical Summary

January 2019



A bespoke environmental permit is being sought by Hills Waste Solutions Limited for the purpose of operating a Materials Recovery Facility (MRF) at the Sands Farm Facility in Calne, Wiltshire.

HWSL is contracted by Wiltshire Council to operate a co-mingled kerbside waste collection across Wiltshire. This co-mingled waste comprises paper, card, plastics, cans and waxed cartons, with textiles and glass being collected separately. In addition to this, small quantities of healthcare / clinical waste (wastes whose collection and disposal is not subject to special requirements in order to prevent infection) is also being collected at kerbside, which will include items such as gloves, sharps and nappies. The waste collected will be taken to the MRF at Sands Farm.

Dry Mixed Recyclables (DMR) equipment is being installed within the MRF site building, which will sort, separate and bale the waste, with some manual picking also. Following this process, waste will be stored in bales, stockpiles or containers, either inside the MRF building or outside in the yard.

Glass, textiles and the healthcare / clinical waste will not be subject to processing via the DMR. These wastes will be separated out (textiles), where necessary, or delivered to site separately and taken straight to their respective storage areas.

No treatment of healthcare / clinical waste will take place on site. The waste will be bulked until there is a sufficient amount. It will then be collected by an authorised and appropriately licenced contractor and consigned to a licenced waste disposal facility.

The annual throughput for the site will be up to 52,000 tonnes per annum.

There are a number of potentially sensitive receptors in close proximity to the site, including watercourses and residential properties. However, with strict waste acceptance criteria to ensure only suitable waste types are accepted on site, the risk to these receptors will be negligible.

The site is not located within a groundwater Source Protection Zone, although it *is* underlain by a productive aquifer. The site is not in a flood zone.

The site will be operated under a comprehensive Environmental Management System (ISO 14001:2015) which, in addition to incorporating the waste acceptance procedures, will identify and minimise the risk of pollution from the site operations including any accidents, or non-conformances.

A detailed Fire Prevention Plan will be implemented at the site as a requirement of the Environmental Permit.

Non-waste activities will also take place on site, within the permit boundary, including B2 / B8 class activities.