



HILLS RESOURCE RECOVERY CENTRE

GENERAL INFORMATION FACTSHEET

LANDFILL SITE

The site at Lower Compton operates under a Pollution Prevention and Control Permit (PPC Permit) issued by the Environment Agency. This covers the disposal of non-hazardous waste, treatment of the leachate which arises as the waste degrades and the use of landfill gas to create sufficient electricity to supply 3,500 houses. Prior to the disposal of waste, sand is extracted from the site to create void space, the underlying clays being used to engineer each cell. The clay is worked to form a highly impermeable barrier on the base and walls of the cell. When the waste has reached the appropriate final levels an impermeable cap also engineered from clay is placed over the waste. After completion of capping on a cell, the soils that were removed prior to sand extraction are replaced and the area re-seeded and planted. A scheme for restoration, planting and aftercare is included in the PPC Permit.

MATERIALS RECYCLING FACILITY

Recyclable materials are delivered to the facility for onward processing. The recycled materials include paper, cardboard, plastic, glass and cans that have been collected from across Wiltshire via Hills Household Recycling Centres, Kerbside Collection rounds and the Bring Schemes. The segregated materials are bulked up and transferred to re-processors for re-use.

SAND QUARRY

Some 100,000 tonnes of sand is quarried from the site annually. It is screened to remove any clay and washed to produce a high-grade sand used in various building products. The majority goes for production of thermal insulation blocks, used in the building of energy efficient housing.

COMPOSTING FACILITY

25,000 tonnes of green waste is collected annually from ten Household Recycling Centres across Wiltshire and is delivered to the composting facility for shredding and processing. The entire composting process takes approximately 14 weeks from delivery through to final screening and product bagging. The compost is certified by both the Composting Association and the Soil Association for use by organic growers.

SKIP SORTING FACILITY

Skip waste recycling is carried out on a dedicated area where mixed skips with inert waste such as hardcore, soil and metal are sorted. Hardcore is processed and used for road construction on the landfill site, soils are used in site restoration, metals are re-used by a recycling company and wood is sent to another Hills site near Swindon for chipping prior to being re-made into chipboard.

