

Fact finding challenge

Materials District

Delivery Drive

Name three things plastic bottles can be recycled into.

plastic garden furniture, guitars, cameras, mobile phones and even fleece jackets.

Recovery Road

What is the machine called that separates plastic using light?

The Optical Polysorter

Mechanical District

Process Promeade

Incompatible wastes are items that are unsuitable for our Mechanical Biological Treatment (MBT) process, why?

Primarily because they are either hazardous to health or the environment or will damage to our machinery.

Can Can Cul-de-Sac

How do we separate non magnetic metals?

Eddy Current - An electric current created by a spinning magnet

Grapple Grove

What is the national recycling target for Lancashire by 2035?

65%

Conveyor Avenue

How many millions of yoghurt pots are binned in Britain each year and could be recycled?

7.4 million

Reuse Mews

In 2023/4 we found new homes for how many tonnes of unwanted items in our reuse shops?

84 tonnes

Operations Square

Which screen reports the levels of gases going up the 5 chimney stacks which we have at this facility?

CEMS LCD (environmental controls)

Bio District

Leftovers Lane

What process do we use to break down organic matter to create renewable energy?

Anaerobic Digestion (AD)

Bio Alley

What is climate change?

Changes in the Earth's average temperature

Greenhill Gardens

How many tonnes of garden waste do we send to be turned into compost each year?

70,000 tonnes

Biodry Boulevard

In the reactor hall, a complete cycle will reduce the 4,000 tonnes of organic waste by what %?

35% mass reduction to just 2,600 tonnes.