# GLASS INFORMATION SHEET

**Why recycle glass**:

- Glass recycling saves energy- Up to 18% of the energy required to make new glass is saved by using recycled glass.
- Glass recycling reduces landfill - Recycling glass can reduce the amount of waste disposed of in landfill sites.
- Glass recycling reduces quarrying - Raw materials are quarried from our landscape to manufacture glass. Using recycled glass limits the amount of quarrying.

**What can I recycle?**

Glass bottles and jars only without the lids. Any colour - clear, green, blue and brown.

**Can I recycle other types of glass?**

No. Never deposit window glass, Pyrex, glass crockery and light bulbs in the green box.

**How is glass recycled?**

Glass bottles and jars are collected for recycling through the green recycling bins or bottle banks. By special arrangement, some properties use green boxes. Most of the glass goes to Viridor's facilities in Bonnyrigg, Kent and St Helens, The Wirral only the glass from the Berryman banks goes straight to Berryman.

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**To make new bottles and jars:**

1. Glass is sorted from the other materials collected.
2. Glass is crushed and washed. It is then called cullet.
3. Up to 90% cullet is mixed with raw materials (sand, soda ash, limestone), fed into a furnace and melted.
4. Once melted the glass is cut into individual pieces called 'Gobs'. Gobs are pressed and blown into shape using moulds forming either bottles or jars.
5. Bottles and jars are filled with food and drink. Taken to retailers, pubs, restaurants etc for sale to consumers.

Empty glass bottles and jars can also be recycled to make things like decorative paving or swimming pool filters. Recycled glass is also used as a road laying material; it has been estimated that approximately 14 million used glass bottles make up the M6 motorway.

**Links**

http://www.viridor.co.uk/recycling/glass-recycling/
www.berryman-uk.co.uk

**Glass education sites**

www.glassforever.co.uk
www.recyclingglass.co.uk
www.britglass.org.uk

**If you require more information please contact:**

Environmental Services, Charnwood Borough Council, Southfields, Loughborough, LE11 2TN.
Tel: 01509 634563, E-mail: Cleaner.greener@charnwood.gov.uk

This information is available in different formats. To access these please phone (01509) 634560.

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這資料具不同的格式，請致電 (01509) 634560 索取。

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