

What is a Food Waste Disposer?

Food Waste Disposers are household appliances that attach under the kitchen sink.

They grind peelings and leftovers into small pieces that can be washed into the sewer and carried by the sewage to the existing Treatment Plant.

At some Wastewater Treatment Plants, clever biological processes are used to create energy from our sewage, and the extra food waste can actually add to this.

InSinkErator® food waste disposer units use no blades. Instead, the food is spun very fast so that it is pushed through a grid of small holes.

WIN A PRIZE!!



Follow the link to complete a short survey and be entered into the exclusive raffle to win one of 2 x £30 giftcards

Want to find out more?

Head to:

<https://sites.google.com/sheffield.ac.uk/fwd-s-in-upper-rissington>

You can also access the survey via this web-link.



The University Of Sheffield.



Sheffield Water Centre



EPSRC

Engineering and Physical Sciences Research Council

Food Waste Disposers in Upper Rissington

The University of Sheffield, InSinkErator®, and Albion Water are exploring the ways that our food waste can be better managed. Victory Fields Upper Rissington is an exciting place for us, because many of your houses are fitted with state-of-the-art food waste systems.





Did you know
~40% of food waste
is sent to landfill in
the UK? This
contributes 10.9% of
all UK landfill

DEFRA, 2011. *Government Review of Waste Policy in England*

What happens when we put waste food in the bin?

A huge amount of UK food waste ends up in landfill, where it creates harmful and smelly greenhouse gases.

Instead of looking at discarded food as a waste, we want to think of it as a vital resource.



Renewable Energy Potential

Many of our Sewage Treatment Plants use micro-organisms to break down our waste, using a process called Anaerobic Digestion, and turn it into useful biogas.

This biogas can be used as a fuel for heating homes or generating electricity.

Extra food waste in our sewers means more biogas can be made, so the waste is put to good use rather than being dumped!

Questions we want to answer through our research

- What does food look like when it comes out of a Food Waste Disposer?
- How does the food move through the sewer?
- How much useful energy can we get from food waste?
- Can we improve our Sewage Treatment Plants to get better use out of the food waste?

How can I get involved?

Complete our survey and be entered into a prize raffle! This is exclusive to Upper Rissington residents, so don't miss out!

