

Case Study RWH2

3300 litre Rainwater collector
Chalfont St. Giles, Bucks.

This 3 bed-roomed house in Chalfont St. Giles, Buckinghamshire was having extensive alterations done in 2008. Keen to conserve resources in all ways, the client wanted to use the construction opportunity to install a large volume water storage system in the rear garden to collect the rain off his roof.

A 3300 litre *StormBank* rainwater storage tank made of Low density Polyethylene with a submersible pump was carried into the back garden and installed under the lawn, alongside a new kitchen extension.

The rainwater collected in the tank is fed back to the kitchen and distributed to supply toilets, washing machine and outside tap for gardening.

To ensure the tank never runs dry a mains cold water connection is incorporated to maintain a minimum level.

The system was sized to collect an estimated 40,000 litres/ yr of water and was ordered by the builder for installation at the start of the project and has significantly helped cut the household water bills .

Specification & statistics :

- 1 x Hydro Int. 3300 Litre *Stormbank* RWH System
- Cost of equipment ~ £1,995 .00
- Anticipated water savings ~ 40,000 kWh/yr
- Life expectancy ~ min 25 years

In partnership with.



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Planet Energy Solutions

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The logo for Planet Energy Solutions features the company name in a bold, blue, italicized sans-serif font. The text is set against a background of horizontal wavy lines in shades of blue and yellow, suggesting energy or a globe.

Sustainable Energy Systems Specialists

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