

The Brundtland Building - Rainwater Harvesting

Rainwater Harvesting is the collection and recycling of rainwater, rather than simply allowing it to drain away. This not only reduces the demand of mains water for toilet and urinal flushing, but also eases the potential for flooding which can be created when the rainwater deposited by extreme storms is simply left to run to ground.

The leaf filter removes any leaves and debris from the rainwater before it enters the storage tank



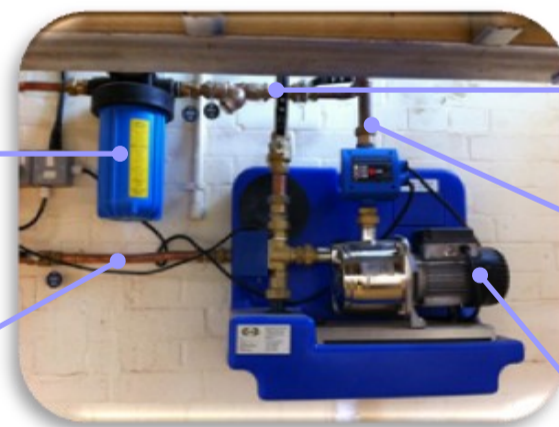
4,500L rainwater harvesting tank stores the rainwater collected from the roof area

Rainwater Display



Displays the amount of rainwater and mains water used by the rainwater harvesting system

The Pump Station



Strainer removes small particles from water

Incoming mains water to backup rainwater supply

Incoming rainwater from storage tank

Outgoing pumped water supply to toilets and urinals

Rainwater Pump

Technology	Rainwater Harvesting
General Specifications/Information	4,500 litre situated within Brick Workshop (ground floor)
Cost of Technology	£21,000 including pipe work
Estimated Annual Savings	£79
tCO₂	0.4
Estimated Payback Period	n/a
Typical Performance	Serves toilets and urinals (male, female, disabled and unisex) on ground floor