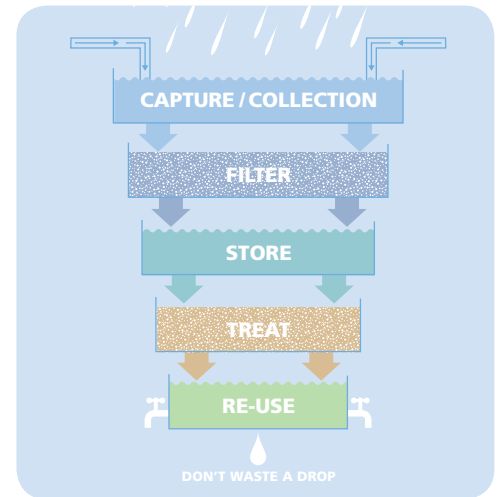


Rainwater harvesting can reduce the strain we put on potable water supplies. Rainstream is a range of rainwater harvesting solutions utilising a Ridgistorm-XL tank to form buried storage or a GRP sectional tank to form above ground storage. Whichever storage option is required, the full system can include pre-tank filtration, in-tank pump sets and post-tank filtration and disinfection.



## Applications

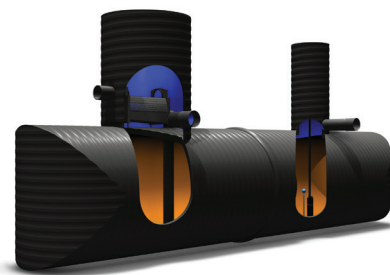
Rainstream is able to offer both direct (pressure) and indirect (gravity) systems for the storage and re-use of rainwater. The captured rainwater can be used for toilet flushing, vehicle wash down and irrigation. Mains water top up is utilised during periods of dry weather to ensure demand is always met.

Once rainwater has been captured from roofs, pavements or roads, it is passed through pre-tank filtration to screen out leaves, insects, silt and other impurities.

The filtered water is stored either below ground in an antimicrobial lined Ridgistorm-XL tank or within a building in a GRP sectional tank. Upon demand, water is pumped directly to the point of use or to a header tank for gravity distribution. Along this part of its journey, the water passes through further filtration and can also be disinfected utilising ultra violet and Titanium Advanced Oxidisation treatment. An Advanced Control Unit (ACU), featuring a break tank with level controls and booster pump set, can be utilised as part of larger systems to increase efficiency and minimise mains water top up volumes during dry periods.



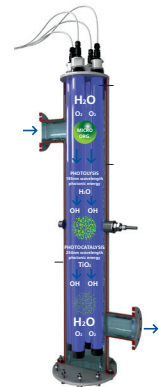
Filtration



Storage



Control



Filtration & Disinfection

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