Water Powered Technologies

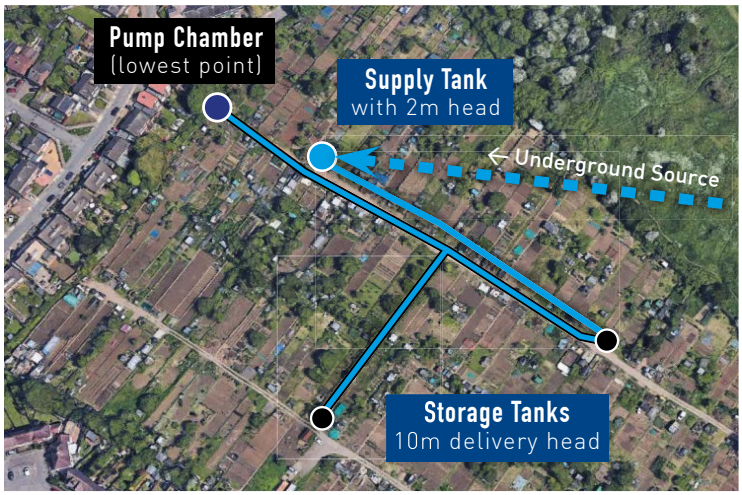
CASE STUDY | Kingsley Park Allotments | Northampton

A Northampton Allotment had an underground source of water from which they filled buckets to take to their individual plots which were up to 500 metres uphill. This was inefficient and hard work! They applied for, and were awarded with, money from the National Lottery to install a zero energy water pump. The lottery award enabled them to install a Papa Pump which works without the use of any fuel or electricity, just the natural energy of flowing water. The water from the spring was pumped up to two storage tanks at the top of the allotments from where the members could fill up their cans to water their vegetables and flowers.

So, no longer do they have the long walk down to the spring and hard walk back up the hill - 1500 litres per day is delivered closer to their plots and it doesn't cost anything to pump the water. The pump was ordered direct from Water Powered Technologies and installed by local contractors within 3 days.

The new water system was officially unveiled at a Grand Opening attended by Mayor of Northampton, Tony Ansell, a representative from the National Lottery and other local dignitaries.

If you need to deliver water over long distances or to higher ground, and don't want to spend money of fuel or have access to electricity, contact Water Powered Technologies for more information on the Papa Pump.



Facts and Figures...

Supply Head	=	2 metres
Delivery Head	=	10 metres
Delivery	=	1500 litres per day

Total Installation Costs including Papa Pump Kit, Pump Chamber, Pipes & Connectors, 2 x Storage Tanks, Groundworks & Trenching = £7,500 + VAT

Running Costs = £0

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