

## CASE STUDY

WEST ROWDEN FARM, DEVON



### CASE FACTS...

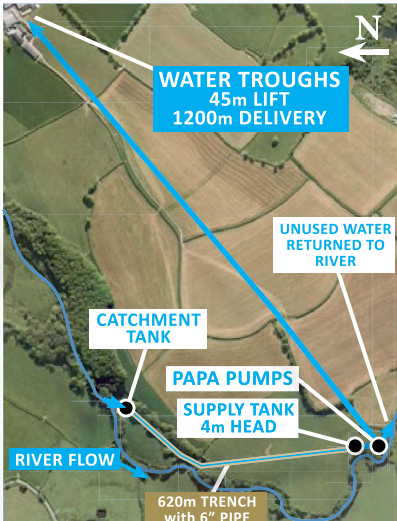
- **BOREHOLE/WELL SUPPLY DRYING UP**
- **Farm water requirements**  
25-30m<sup>3</sup> per day
- **Mains Water Costs**  
£3000 per year
- **Borehole Running Costs**  
£1400 per year
- **POTENTIAL SAVINGS USING A PAPA PUMP SYSTEM**  
£4000+ per year

# Papa Pump®



*the pump that uses no fuel!*

**Vs  
BOREHOLES  
& WELLS**



*Every year the borehole and well are getting dryer and we are therefore using more mains water. We have a river 1200 metres from the farm and realised that by using Papa Pumps we could pump the water with no energy costs.*

*We did the groundworks ourselves which saved money and because the water has less Iron and Manganese than the borehole and well, we'll save money on filters.*

*From now on we are looking forward to a steady supply of free water for many decades to come.*

MALCOLM GRIBBLE - WEST ROWDEN FARM



The farm's old electric pump and filter system.

## THE PROBLEM

The Farm was using a Borehole and a Well for 200 livestock watering and also farm house water. This required Electric Pumps, an Iron Filter and a UV Filter with Multi Stage Booster Pumps. In recent years **the water table has dropped** and **both the well and borehole are drying up**. Water has to be increasingly boosted by mains water and **mains water costs have gone up considerably**.

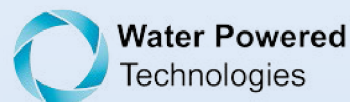
### THE PAPA PUMP KIT CONTAINS

- 1 x PAPA PUMP
- 1 x 8L PRESSURE VESSEL
- 2 x SERADISC FILTERS
- 1 x 2" SHUT OFF VALVE

**£1200**<sup>+vat</sup>

## THE SOLUTION

By laying a 620 metre 6" pipe from the water source to a supply tank, they were able to get a 4 metre supply head which they fed into 3 Papa Pumps. 1200 metres of 50mm delivery pipe delivers water from the Papa Pumps to a storage tank from where it is gravity fed around the farm. It is estimated that with the **reduced mains water and borehole costs**, the **Papa System will show a pay back within 3 years**.



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If you need help with installation call us -  
**we can put you in touch with a recommended installer**