

CASE STUDY

WEST ROWDEN FARM, DEVON



CASE FACTS...

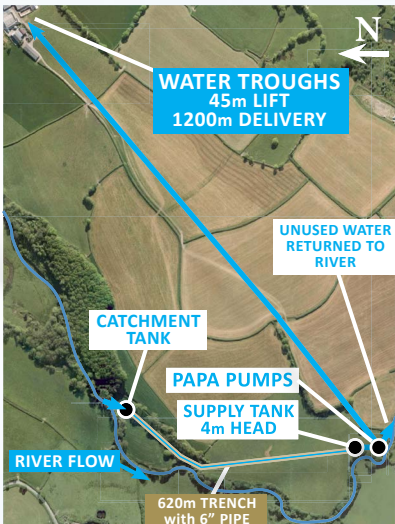
- **BOREHOLE/WELL SUPPLY DRYING UP**
- **Farm water requirements**
25-30m³ per day
- **Mains Water Costs**
£3000 per year
- **Borehole Running Costs**
£1400 per year
- **POTENTIAL SAVINGS USING A PAPA PUMP SYSTEM**
£4000+ per year

Papa Pump



the pump that uses no fuel!

Vs
**BOREHOLES
& WELLS**



Every year the borehole and well are getting drier 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 SOLUTION

By laying a 620 metre 6" pipe from the water source to a supply tank, they were able to get a 4m supply head which they fed into 3 Papa Pumps. 1200ms 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**.

THE PAPA PUMP KIT CONTAINS:

1 x Papa Pump | 1 x 8 litre Pressure Vessel
2 x Seradisc Filters | 1 x 2" Stop Valve
plus Delivery Hose and Connections

£1350^{+vat}

WPT SITE SURVEY OPTION:

Site Visit from Authorised Surveyor. Heights, distances and flows measured. Written report with plan of recommended layout, estimated installation cost, expected water delivery, potential savings and ROI.

£1500^{+vat}



14a Kingshill Industrial Estate | Bude | Cornwall | UK | EX23 8QN
t | (+44) 1288 354 454

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