

PUMP SELECTION DESIGN SHEET

Please fill in to the best of your ability and return to the address below

Name: Date:
Address:
..... Post Code:
Phone: Mobile:
Email:

I would like to have [tick (✓) appropriate box]: a ball park estimate or a firm quote
(note that a firm quote requires accurate measurements done with a dumpy level and tape or similar. Complete site measurements with analysis and recommendations can be done by us on a charge basis if required)
for a solar pumping system wind pumping system electric pumping system

GENERAL INFORMATION

LOCATION OF PUMP SYSTEM (eg. nearest town)
SOURCE OF WATER SUPPLY (eg. borehole, dam, creek, river, spring, well)
DISTANCE FROM PUMP TO SHADE-FREE SOLAR PANEL LOCATION for solar pumping m / ft
DISTANCE FROM PUMP TO NEAREST POWER SUPPLY for electric pumping systems m / ft

BOREHOLES and WELLS Cross out units of measure that do not apply

1. BORE DIAMETER (internal diameter)mm / in
2. WATER LEVEL (top of bore to water level) m / ft
3. DRAW DOWN (distance between normal water level and water level when pumping) m / ft
4. RECOVERY RATE (natural replenishment rate of bore) Lph / gpm
5. DISTANCE OF BORE HEAD TO STORAGE/DISCHARGE POINT OF THE WATER m / ft
6. STATIC DELIVERY HEAD (vertical height from bore head to delivery/discharge point) m / ft
7. PIPE SIZE (internal diameter - if no existing pipe we will recommend size) mm / in
8. TOTAL WATER REQUIREMENT (in Litres or Gallons per day) Lpd / gpd

DAMS and RIVERS Cross out units of measure that do not apply

1. SUCTION LIFT (vertical height from water level to pump position) m / ft
2. STATIC DELIVERY HEAD (vertical height from pump to storage/discharge point) m / ft
(include the height of any storage tank)
3. DISTANCE FROM PUMP TO STORAGE/DISCHARGE POINT OF THE WATER m / ft
4. DISTANCE FROM SUCTION POINT IN WATER TO PUMP POSITION m / ft
5. PIPE SIZE (internal diameter - if no existing pipe we will recommend size) mm / in
6. TOTAL WATER REQUIREMENT (in Litres or Gallons per day) Lpd / gpd

ANY OTHER RELEVANT INFORMATION ABOUT YOUR SITE (eg. shading from trees, steep access)

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