



Solar Pump System Worksheet

Name: _____
Email: _____

Phone: _____ Fax: _____
Address: _____

Water Usage:

- Residential
- Irrigation
- Livestock
- Other _____

Daily water Volume required?

Is this the primary water source?

Water Source:

- Stream or Pond
- Cistern
- Drilled Well
- Storage Tank
- Other _____

Pump Type:

- Pressure Pump
- Submersible Pump

Well Report or:

- Depth to Standing Water
- Well Output (bailing test) _____
- Well Casing diameter? _____
- Vertical lift from well head to Outlet? _____

Storage Type:

- Tank
- Pond
- Other
 - Volume? _____
 - Float Switch required? Y/N

System Location

- Site? _____
- Elevation? _____
- Distance of pipe from Well Head to Storage? _____
- Distance from Array to well Head? _____

Water Pumping Terminology

Definitions:

GPD – Gallons per Day
 GPH – Gallons per Hour
 GPM – Gallons per Minute
 PSI – Pounds per Square Inch (pressure)

CONVERSION:

Feet of Lift to PSI – Divide Feet by 2.31
 US Gallons to Liters – Multiply Gallons by 3.785
 Feet to Meters – Divide Feet by 3.28

Consumption Examples:

Domestic usage – 10-100 GPD per person
 Livestock (horses, cattle) – 10-25 GPD

Please complete form and return to:
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