



# SOUTHWEST PHOTOVOLTAIC (PV) SYSTEMS, INC.

## SOLAR POWERED WATER PUMPING DESIGN QUESTIONNAIRE

(Please complete this as accurately as possible)

1. Date: 8/5/2005
2. Name: BRIAN SILOWASH
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4. Phone: 412-242-4347 OR 412-867-7798  
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E-mail: BKS@IDEA-LLC.BIZ
5. Water well geographical location: HAITI 18° 22.273' NORTH  
72° 35.292' EAST
6. What will the water be used  
Livestock  
 Residential  
Irrigation  
Other: \_\_\_\_\_

Other details: THIS IS FOR SURFACE WATER; NOT  
WELL WATER

7. Total well depth (from ground level to bottom of well): \_\_\_\_\_ ft
8. Static water level (depth from ground level to water level in well): \_\_\_\_\_ ft
9. Draw down level (depth water draws down when well in use): \_\_\_\_\_ ft
10. What is the horizontal distance from the well head to the water discharge: 1748 ft
11. What is the vertical distance from the well head to the water discharge: 231 ft
12. Water well casing inside diameter: \_\_\_\_\_ inch
13. What is the well recharge rate in gallons per minute (GPM)?: 2.5 GPM
14. How many gallons per day (GPD) do you require? 3600 GPD
15. Is this water usage seasonal? Yes  No
- If yes, which months? \_\_\_\_\_



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