



Water Pumping Questionnaire

1. What is the purpose for the water pump? (Circle One)
• Home • Irrigation • Livestock • Other (describe) _____
2. What is the daily volume of water required? _____ *liters/day*
3. Will the system be used year round? • Yes • No, Primarily during _____
4. Is generator electric power available at the site? • Yes • No
5. What is the location (Boma/Village/State)? _____
6. Are there any significant features which would shade a solar array during the day?
• Yes • No If yes, describe _____
7. What is the distance between the solar array and the water source? _____ *meters*
8. What is the water source? (Circle One)
• Dug Well • Drilled Well • River • Pond • Other _____
If from a well, what is the water table depth? _____ *meters*
If from a well, what is the pump depth? _____ *meters*
If from a drilled well, what is the pipe casing diameter? _____ *cm*
9. Where is the water going? (Circle One)
• Elevated tank • Ground level tank • Ground • Other _____
What is the horizontal distance from well to water outlet? _____ *meters*
What is the vertical distance from well outlet to water outlet? _____ *meters*
10. How will the water come out of the pipe? (Circle one)
• Drip lines • Open pipe • Spray nozzle • Shut off Valve • Other _____
Diameter of water pipe installed or planned? _____ *cm*
11. Is a float valve needed to prevent tank overflow? • Yes • No