

**Projected Work Plan and Estimated Costs Meeting
For the
Water and Electric Project
Ste. Marie Madeleine School and Church and Kay Timoun
Bondeau, Haiti
Meeting at
Bethesda-By-The-Sea
Episcopal Church
Library
September 28, 2014
2:30 p.m.**

**Water for Small Villages, Inc.
Steve Krupa (Epiphany Lutheran), Rick Miessau (BBTS), Aimond Alexis
Steve Rowland, St. Andrews Episcopal Church. Palmetto Bay**

Below is the “Projected Work Plan” for our next proposed trip. The items we want to complete are listed below in the order of importance. Projected time needed is 4 days.

1. Conduct Surface Geophysical Field Work with equipment from the United States to identify the presence/absence of groundwater at Ste. Marie Madeleine School and Church and Kay Timoun area.
 - a. Take Global Positioning Points for All Array Work (data will be used to post process the location data of the arrays, this will determine where to drill the well)
 - b. Data will be post processed in the United States (2-3 weeks upon return)
 - c. Rectify the Resistivity Data to Real World Coordinates
 - d. Create Aquifer Resistivity Maps with the Data in the United States to Identify where the Water Is and Isn't.
2. Meeting with Haiti Green Energy Solutions to Have a Site Visit and Request a Detailed Cost Estimate

Green Energy Solutions
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Email: lafinca_haiti@hotmail.com and greenenergysolutions.haiti@gail.com
3. Chlorinate the Existing Water Holding Tanks and Lines at the Guest House and Kay Timoun.
 - a. Educate the Staff How Much Chlorine to put in the Water Tanks Regularly.
 - b. Test Residual Chlorine Concentrations After Chlorination Is Completed.
4. In-Depth Evaluation of On Site AC Electrical System
 - a. Determine where the Electrical Load is Distributed When the Generator is Running.

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(continued)**

- i. Guest House
 - ii. Kay Timoun
 - iii. Others Undocumented Demands (?)
 - b. Document the AMP draw, where is it going?
 - i. Generator Output to the Inverters When Running
 - ii. Document Guest House Inverter Demand When The Generator Is Off
 - iii. Document Kay Timoun Inverter Demand When The Generator Is Off
- Create a Power Budget with Actual Data (upon return from Haiti)
- 5. Repairs to the Blue Generator
 - a. Change Oil and Filter, Service Other Miscellaneous Items
 - b. Replace Radiator By-Pass Hose and Clamps
 - c. Replace Muffler and Exhaust Pipes
 - d. Replace Battery Cables and Terminal, Service Battery
- 6. Update Site Layouts
 - a. Roof Diagrams of the Guest House and Kay Timoun
 - b. Detailed Site Diagram for Future Costing of Pipe and Electrical Cables. Distances and Dimensions.
 - i. Church
 - ii. Guest House
 - iii. Kay Timoun
 - iv. School
- 7. Summarization of Field Data Meeting Will Be Held (6 weeks after returning to the United States)
 - a. Did We Find Water?
 - i. A Lot or Little? Where?
 - ii. Do You Own the Property that the Water Was On?
 - iii. Phase II of the Water Project
 - 1. Update Budget Based on Phase I Work Efforts
 - 2. Develop a Plan
 - b. Power distribution Results
 - c. Solar Electrical Estimate