

Trip Report Notes St Michel's 7-14 Nov 2012

1. Trip began 6 Nov and ended 15 Nov.
 - a. Overnight in Boca Chica 7 Nov and then early morning drive to Banica.
 - b. Medical Missionaries 2½ Ton Truck was waiting to take us to Saltadere on its way to Thomasique.
2. Observations at school and river
 - a. At school observed that water pipes had been pulled back from river to school grounds. The lines in the grounds proper had not been covered and dirt has washed in the trenches.
 - b. At the river observed that the concrete form for the foot valve had been moved by the river 50' and the lid over 100'.
 - c. Generator required some effort to start up. PV array was working fine and powers the computer lab and principals office.
 - d. The PV array batteries were about 6" low on water. They were refilled.
3. Irrigation work
 - a. The concrete form was moved back to the pool, this required 8 men and about 5 hours. Form must weigh over 1000lbs. Required 4 men to retrieve form lid. Pool was redredged.
 - b. Water lines were rerun down to river.
 - c. Water lines were charged and pump was tested. Ran for 3-4 minutes.
 - d. Due to holes in line caused by cook house fire caols falling onto the water pipes gravel and dirt was sucked back into pump and ruined pump internals.
 - e. All holes in lines were repaired; water lines were flushed, and new clamps and fittings were put on lines.
 - f. Lines were tested for leaks and then trenching was filled in.
4. Clean Water
 - a. Met with water committee once prior to water outage.
 - b. The water line from La Source ceased to function on the 2nd day of the trip. It was not considered serious till the 4th day. At that point the water committee met with Fr. Ilric and it was decided to start digging up the line at La Source, the site of the 2008 eight month outage. In retrospect, my agreeing to pay up to \$500 for the repair might have been the motivating factor.
 - c. For the remainder of our stay there was no clean water for cooking or cleaning. This impacted the village, schools, and rectory and was a potentially dangerous situation.

- d. The water to the village has been repaired. I observed the effort of the committee and laborers on the repair work. I was able to assess the damaged and corroded the water valves. They need to be replaced.
 - e. In further discussion with the water committee they can purchase the valves in Port au Prince cheaper than we have been able to price them.
5. Medical
- a. No running water in clinic
 - b. Translators from Hinche should be utilized.
6. Future Costs?
- a. Irrigation –
 - 1. A barrel fused shut off box required for motor (approx. \$50)
 - 2. New internals for pump (approx. \$350)
 - 3. Spare pipe joints need to be replaced (approx. - \$30)
 - b. Clean Water –
 - 4. New valves should be procured for the primary feeds, estimate \$10K plus and shipping if US or \$6.5K if Haiti. Would recommend that purchase orders with pricing be required for Haiti purchase.
 - 5. Accelerate replacement system, system is inadequate and antiquated.
 - c. Medical –
 - 6. Water line to clinic, sink, drainage (\$500)
7. Father Ilric conversations (these are recollections)
- a. In arrears by \$6,000 for teachers
 - b. Monthly cost for school, rectory, church, increased teachers and staff - \$10,000
 - c. Monthly cost for children at rectory \$3-4,000 (food from Caritas for school does not include food for children). That seems low if annual and high if monthly. I would estimate an annual need at about \$20K
 - d. Four students in nursing school in Hinche, \$1500 each annually.