

## Pam's Trip Report after Apr 2 – 16, 2013 Visit

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### LEADING THOUGHTS

- One of my requirements to move forward on other water projects was to see the Treasurers' Books on both Potable and Irrigation Juntas. I am delighted to report that both Juntas are 90-95% paid up for both the \$0.50/mo maintenance & plumber fees + \$3 annual capital fund since 2010 (excluding 2013). (This was a monumental achievement and took speeches by Paulino at both meetings.)
  - Potable Books are half on excel (the capital fund portion) - hence easier emailing and easier to understand; the monthly fee ledger was started on excel, but not completed; lessons were given to Gladys & Digna to enter Irrigation records onto excel. Pam will follow-up.
- People loved being interviewed for the questionnaires. (Whoever listens to them?!) Everyone wanted to do one even though we said we only needed a sampling. We had to rely on Paulino to give them to Guantugloma as we needed a Kichwa speaker.

### GUANTUGLOMA INFO FOR POTABLE WATER

- The people are prepared to move forward on mingas - they would like to get some advance notice as the men are working (menial work) outside of Guantugloma and would need to be notified when to return.
- The Guantuglomans are SUPER EXCITED for this project. Paulino explained to them in great detail that they will be required to pay their system fees.
- In the meeting that we had with them, few (if any) of them speak Spanish - only Kichwa. So we will need to factor the cost of getting Paulino, Lautaro or someone to be available to do this for us. [They don't even use 'gracias' but 'pai' (Kichwa for thank you.)]
- Reason behind need to pour the first tank in Guantugloma back in Jun/Jul '12: The Pedro Toaquiza of Guantugloma (there are 2 Pedro Ts - the other one is the Pres. of Irrigation in Tunguiche) wasn't willing to let the PVC be laid on his land which was necessary to complete the Potable Water for the Pucara (subset of MP). He dug up a bit of it and when anyone approached him, he threatened them with his machete and his dogs. So the compromise was to pour the tank which allowed him (and the school - for which they are VERY grateful plus 6 others in Guantugloma) to get potable water.  
(Current usuarios: Pedro Toaquiza, Manuelo Toaquiza, Alfredo Toaquiza, Agustin Quishpe, Domingo Cuchiye, Marcelo Oto, & Raimundo Tuitise.)
- Location of re-usable tank: classroom in Guantugloma. If EWB is going to use this 4'x4'x8' form, we'll need more mariposas (butterflies) from Gates, Denver. Each tank needs 46 and they come in bundles of 100 (for < \$40). In the past, Steve Watts has graciously offered to pick them up and CELM pays the bill.
- La Directiva de la Junta de Consumo Humano de Guantugloma:
  - Presidente: Alfredo Toaquiza (I think he speaks a fair amt of Spanish.)
  - V-P: Pedro Tipan                      Tesorero: Marcelo Oto                      Secretario: Agustin Toaquiza
  - Vocales: Rosa Guamangate y Manuelo Quishpe

### MALINGUA PAMBA & QUINTA TUNGUICHE POTABLE WATER REPORT INCLUDING PROBLEMS

- Refer to questionnaire survey results (separate document) and BIG Google Map (not yet digitalized with user numbers from questionnaire on it) to see individual usuarios report on problems associated with system.

- Note: I would recommend taking some of the responses as “gray” – not as black and white; in other words, a bit of interpretation might need to be done.
- Paulino’s explanation as to the problems with Potable (I believe these observations are all on potable, but one can not always be certain he didn’t overlap with irrigation.)
  - Malingua Yacu to FISE is now 40 mm; since Pinalí & Cuadrapamba were installed with 40 mm (2011) it sucks all of the water from the Mainline. So Tinguiche , Chimbusig and Tingo (all 25 mm) have no water until Pinalí or Cuadrapamba fills completely. Paulino’s solution: need a line of 60 mm from Malingua Yacu to FISE. Eden’s solution: add another line, perhaps 40 mm.
  - Also, during the dry months (mainly June to Nov), there’s a scarcity of water overall.
  - NEWS FLASH: There are 4 new springs (actually 3 springs and one waterfall) which EWB has not taped into. These are marked on the BIG Map. (pam’s note: I believe that 3 are in the QT area and one is higher.)
- Voted on in Jan ’13, to be inaugurated in Mar ’13 is a raise to \$0.75/mo for Potable Water. This was motivated by the large amount of repairs (derumbo or something) and Abelino, plumber in QT had to spend a whole week doing repairs for which they paid him \$50. They have also raised the plumber’s monthly fee (to \$23/mo).
- Multas (fine) for non-payment and being cut off line: \$2; \$5 to be reinitiated plus pay all past dues and costs of re-connection. Paulino was all set to do this if people didn’t pay up!
- In general, there have not been many repairs since 2008 on the system.
- They clean the tanks every 3 days during the rainy season.
- Plumber(s)
  - As best as I could determine, Abelino of QT is the only active plumber. Carlos Otto is half-way (or more) through Professional Driver Training (7 mo course).
  - Carlos and Alejandro, CELM’s new intern, will work to create a plumber’s training video. Carlos has promised to train someone in his stead.

#### QUINTA TUNGUICHE – IRRIGATION PHASE I REPORT

- As previously reported, 90-95% are paid up for their dues. I have photos of these records.
- During the meeting on 4/14, the people are **begging** to have the system completed so that **all** can benefit.
- From the questionnaires, the impact is HUGE for those on the system. As we walked from MP to QT on 4/14, we saw 3-4 people using rotating sprinklers. (Sorry, no pics as my SD was full at that time. Boo hoo.) Also, everyone indicated that they would be interested in drip irrigation (goteo). The Rotarians on the walk with me also pointed out that they would strongly recommend drip irrigation (of course we didn’t discuss the cost aspect of this.)

#### EROSION CONTROL REPORT & INTEREST

- I have been told that there are three viveros (nurseries) in the three main communities (MP, QT, and Guantugloma), but only viewed Malingua Pamba’s which I felt was in abysmal shape.
  - Ignacio said that he would be interested in the same arrangement that we had for Erosion Control Phase I: we didn’t discuss details. FYI: The 2012 agreement was 6,000 for \$1,500 to be paid in 3 installments.
  - Gabriel Chusin’s wife was working in the MP vivero for a bit putting ramas into the funditas.
- From the questionnaire, 100% of the people rated erosion control as Very Important and indicated that they would be willing to lead and/or participate in mingas to continue this work.

#### ROTARY CLUB OF LATACUNGA VISIT

- Visit on Sunday, 4/14: Several walked from MP to QT with me; collectively they gave 14 questionnaires.
 

Guillermo Mancheno, President	Xavier Lanás, Secretary	Javier Peñaherrera, Member
Miguel Sansur Sr., Member (Santiago’s dad)	Ani Holguín, (Santiago’s mom)	
Santiago Sansur		
- Willing to participate in Global Grant; worried about external audit.

#### VOLUNTEER INFO – ESPECIALLY TRAVEL LOGISTICS

- Note: due to potential transportation issues, most vehicles can transport a max of 5 people including the driver.

- Quito is nestled in between two mtn ranges; need to cross one to get to airport; currently there are several bottlenecks to get to/from airport

- We left at 5 a.m. and got there in 1 hr – no traffic; rumors say it can take up to 2.5 hrs.
- NO cost-effective, user friendly hostals nearby
- Don't know about rental cars.

- Pifo – 'town' 15-20 min south of airport

- Hosteria Nevada –mngmt trying to sell, so not motivated/ not responsible with reservations; \$15/pax excl bkft; they have WiFi; LOTS of road noise.
- Not sure of 'nearby' restaurants nor internet
- Hopefully other cost-effective ones will spring up before June; there are some at \$55/double.
- Pifo is not yet ready to accept "Internat'l Travelers"

- Taxi: Airport to Pifo - \$10-15 for taxi; didn't see any public transport

- Transportation from Pifo towards Latacunga

- If you don't rent a car, Marcelo Araque would be available. He lives just north of Latacunga in Lasso. He is willing to drive you anywhere. (Doesn't speak English.) His driving rates: \$120 Pifo to MP; \$70 Latacunga to MP including stops (hardware store, Megamaxi for comfort food, etc.) in Latacunga. He does have an email.
- Alternative for lodging upon arrival in EC: Marcelo has cabanas in Lasso which are clean and have hot water: (2+ hrs from airport) and for \$14 pax you can have breakfast and dinner. He would be willing to scoop you up at Quito airport.
- **New option** (as of 4/23), Bob Breimayer. Will need to research possibilities w/ him.

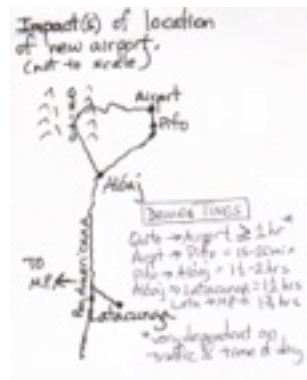
- Jean Brown suggested trying flying into Guayaquil (GYE) and then taking TAME (domestic flight) to Latacunga, but my research says this would require staying overnight in GYE and then staging for a flight to Lata the next day.

- Translators

- Jean Brown \$70/day + her expenses; (Eden might be willing to find the money to finance some of her trip as she is keen to do a second Efficient Cook Stove pilot and would use a fair amount of her time coordinating this for Global Grant).
- Bob Breimayer (just emailed us 4/23) with this info; he also has a 4x4 double cab!
- Alejandro Saldana, CELM intern – native Spanish speaker

- Transportation while in MP

- Rental car? FYI: Alejandro is willing to drive.
- Paulino's second truck (propane truck is 'working everyday' with hired driver)
- Ignacio's jeep trooper – he teaches all 7 days; takes teachers back to Lata every afternoon.
- Bob Breimayer (just emailed us 4/23) with this info; he also has a 4x4 double cab!



#### OTHER OBSERVATIONS DURING MY TRIP (i.e. electricity / weather / water)

- April is suppose to be a rainy month, only had rain one night and morning (the last one – 4/15).
- No water one afternoon – some kid turned off tap at Tanque Brad; Boli turned it back on.
- Internet reception was mainly on; one afternoon w/o elec. due to repairs in nearby 'town'.
- Paulino (as do many other people casually interviewed), the climate patterns have dramatically changed over the past 5-8 years. Paulino says less rain in the recent years.