

# TRAVEL TEAM REPORT

The latest news and updates from the travel team in Ghana



*The chief's palace with a fresh coat of paint in preparation for the Golden Jubilee*

UPDATES

## Fifth Day in Ullo

by Michelle Friedmann

The team's fifth day in Ullo marks the halfway point of their time in the community. They spent their day continuing to collect information for the projects groups and improve the water distribution system. They were also able to spare a few moments to watch the cultural day choral presentations from the primary and junior high school.

At the borehole enclosure, a water level sensor was installed into the borehole to measure the water depth compared to the depth of the pump. The sensor indicated the the water level is 13 meters above the pump and 15 meters below the ground surface. This is a major improvement due to the adjusted pumping rate. Previously, there were many "low level events" daily when the pump would shut off because the water level was too low. It is great to see that the water level is significantly above the pump depth and is pumping at a more sustainable rate. The water level sensor was built by John Jennison, an EWB-ISU member and future traveler in December. This is just one of many examples of how EWB-ISU allows students to apply their knowledge of engineering in practical situations.

The pump ran until 5:30 in the evening which is not as long as was hoped by relocating the sun sensor. This might have been due to the hazy conditions of the sky. Further investigation will be done to attempt to maximize the pumping time and use of the solar energy collected.

### WATER LEVEL SENSOR INSTALLED

### VISIT TO THE ULLO CLINIC

### CULTURAL DAY FOR PRIMARY AND JUNIOR HIGH SCHOOL



*Hazy sky around the borehole enclosure*

The travel team visited the current Ullo clinic and collected information for the new clinic project. They learned about the location where they would like the new clinic to be built and gained more information about the current state of the clinic. They were surprised to see how terribly equipped the clinic is and noted that patients have to bring their own bandages and medicine to the clinic. The Ullo community is extremely excited about the prospect of a new clinic and are confident that it will save lives.

Clare and the KNUST students were gifted a goat from the chief. This is a traditional symbol of gratitude and the goat is to be eaten. Clare commented that she has learned on her last trip to Ghana to not name the animals.

The travel team was able to attend a cultural day for the primary and junior high schools. They watched a competition of five choral performances and enjoyed interacting with the Ullo community at this fun event. The topics of these choral songs were about virtue, studying hard, being respectful, being good teachers, not stealing among other important life lessons.

The Chief of the Ullo traditional area is having his 50 year golden jubilee on June 8th. This is a large celebration that will bring people from all over the region together for the festivities. In preparation, the Chief's palace received a new coat of pain, pictured on the first page.

Overall, everyone is doing well and Clare will remember to take care to put on more sunscreen to protect herself from the hot summer sun and to stay hydrated!



*Installation of the water level sensor*



*Goat gifted to the travel team from the paramount chief of Ullo*



*Ernestina (left) and David (right) in front of the borehole enclosure*



*Cultural day choral performance*