



ENGINEERS WITHOUT BORDERS-USA
UNIVERSITY OF NEW HAMPSHIRE
STUDENT CHAPTER

Potable Water Source Implementation



Project Location

Lukodi, Uganda

National Government Organization

ChildVoice International

Phase 1 Funds Needed

\$15,000

Project Phase

Assessment

EWB- USA Vision

Our vision is a world in which the communities we serve have the capacity to sustainability meet their basic human needs and that our members have enriched global perspectives through the professional educational opportunities that the EWB-USA program provides.

EWB-UNH Mission

Our mission is to encourage, support, and implement environmentally and economically sustainable technical projects in local and international communities, while developing globally responsible and knowledgeable students.

Contact Us

www.unhewb.org
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The Club

EWB-UNH has been around since 2006. Since then, the group has completed and closed out three projects in Niger, Thailand and Indonesia. The chapter has also spent a bit of time working with the UNH Organic Garden Club and has helped them build a shed and is currently working to install a windmill. The chapter received the Uganda program in 2011 and will be working there until at least 2016.



The Project

Lukodi is in need of a fresh water source throughout their village because many of the wells surrounding the community are contaminated or do not work. Our goal is to install two new well pumps to provide the residents with potable drinking water. We are planning to work with the community to fix the currently broken wells and to install new pumps. We want to teach them how to maintain a working well so that it can be fully functioning even when we are not there to fix it. Once the well project is complete, we are hoping to install a drip-irrigation system for agricultural use, build and use biomass presses to press grass into burnable fuel for heat and cooking.

The Village

EWB- UNH is currently working in Lukodi, Uganda, a village of about 1,000 residents. Lukodi is located in northern Uganda, a few hours north of the city of Kampala. Lukodi was in the middle of a war from 1986- 2006 where women and children were abducted and used to transfer goods or they were killed. Today, the community is working to rebuild and ChildVoice is working to restore children and families that have been affected.

Recent and Future Trips

In August 2011, two chapter members and our professional mentor traveled to Uganda on an assessment trip.

In May 2012, a larger group is planning to return to Lukodi and the surrounding cities to introduce other members to the community and to complete another assessment.

The Future

After the first step of implementation is completed, future activities will include assessments of success and impact, training and community education involved with the new installations, and future projects and improvements. Our partnership with ChildVoice International gives us the opportunity for facilitating education.