

Apatut, Philippines Water Supply



CHAPTER

Philadelphia Professional Chapter

PROJECT TYPE(S)

Water Supply

PROJECT ADOPTION DATE

September 2008

PROJECT PHASE

Design

DIRECTLY AFFECTS

750

INDIRECTLY AFFECTS

300

FUNDS NEEDED

\$30000



THE NEED

Currently, residents obtain water from shallow wells which have biological contamination. The residents of the barangay (village) of Apatut suffer from numerous illnesses generally associated with poor drinking water quality, such as diarrhea, dysentery and stomachache. Most residents currently obtain water directly from shallow wells within the village; however water quality analyses show many of these wells to be contaminated. To protect themselves, residents must boil the local water before drinking it, buy bottled water, or treat the water with chlorine if they can afford to.

About Engineers Without Borders USA

EWB-USA is a nonprofit humanitarian organization established to support community-driven development programs worldwide through partnerships that design and implement sustainable engineering projects. Over 12,000 EWB-USA members, comprised of professional and student engineers or other disciplines, work with local communities and NGOs in over 45 developing countries around the world on projects such as water, renewable energy, sanitation and more. EWB-USA has touched the lives of more than one million people. For more information visit www.ewb-usa.org

For more information about this particular project please, visit:
<http://www.ewb-philly.org>
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PROJECT SCOPE

The "Water For Life" project focuses on the barangay of Apatut, which is located in the Balaoan municipality of the province of La Union, Philippines. The goal of the Water for Life project is to provide an equitably-distributed potable water source to the 750 residents and 300 school children in Apatut. The project includes water source development, pumping (as necessary), treatment, storage, and distribution. EWB-Philadelphia is working with former members of the Apatut community and members of the local Filipino Rotary to design and install a potable water system for the people of Apatut.

FUTURE INVOLVEMENT

In 2014, the EWB-Philadelphia Professional Chapter plans to complete project water source alternatives assessment and move to a final water system design, which is currently proposed to feature a deep drilled well as the supply, pump, storage tank, and distribution piping. You can follow our travel blog detailing the assessment and implementation work done to date in Apatut, Philippines at <http://ewbmap.blogspot.com/>, or visit our chapter website at www.ewb-philly.org to find out how to get further involved!