



Water, health and education for Andean families.

Lamay, Cusco, Peru

www.deseaperu.org

Facebook: DESEAPeru

Mary Tidlund Foundation
October medical campaign

Message from the Directors:

We wish first to thank our dedicated staff, volunteers and supporters, without whom this project could not be carried out. We've had a successful year, installing the new PVC water filters in three additional communities and, in all six communities, providing healthcare and education together with the eight local women who are serving so effectively as community health workers.

In 2013 we will be maintaining the program of healthcare provision and qhali training, installing filters in adjacent areas, and publishing our qhali training and water filter construction manuals. We also hope to have the means to extend the full program to three remote communities which have almost no access to health services.

To accomplish these goals we hope that we can count on the continued support of the organizations and individuals whose generosity has enabled this work. The chart on the next page illustrates our expenditures for the past 12 months.

As a small NGO we are able to operate with very low overhead and to dedicate funds mainly to program operations. Our fundraising goal for 2013 to provide for project expansion is \$120,000.



2012 ACTIVITIES

- DESEA nurses have conducted more than 1,600 family health visits in the course of bi-weekly visits to each of six project communities.
- Eight local women have been trained as qhalis (community health workers) - 5 new and 3 existing - receiving more than 150 hours of intensive training in a wide range of topics relating to their communities' health issues.
- The qhalis have made more than 2600 home visits, monitoring filters, checking on prenatal and postnatal women, providing first aid, assisting the elderly, and teaching hygiene and sanitation practices.
- DESEA nurses & qhalis have made 185 visits to prenatal patients providing maternal vitamins & educational support & 260 visits to new mothers & infants.
- Since commencement of the integrated water and health program in each community there have been no maternal or child mortalities from preventable illnesses.
- DESEA commenced installation of its biosand water filter design constructed from 315 mm diameter PVC pipe. This filter retains the geometry and efficacy of the CAWST concrete filter, while being easier to transport to remote homesteads.
- 160 PVC biosand water filters have been installed in households, schools and clinics.
- The incidence of diarrhea treated by DESEA nurses & qhalis has decreased by 50% in communities for which 2 years of records are available.
- *Vitamin Angels* & sponsors conducted a week-long campaign with DESEA in April visiting all project communities & distributing children's and maternal vitamins.
- DESEA has dispensed *Vitamin Angels* multivitamins to more than 675 persons in the project communities.
- A medical campaign carried out by the *Mary A. Tidlund Charitable Foundation* through a two-week period in October provided health care to more than 280 patients in their communities.
- Elna Osso, RN, friend and volunteer, presented DESEA's poster - Training Illiterate Women as Community Health Workers - at the Global Nursing Caucus Conference in Boston, October 2012



THANKS to our partners and donors!

DESEA Peru's work would not be possible without the contributions of its partner organizations and private donors. For a small, grassroots organization, the generous contributions of individuals, though impossible to list, are vital to project success. We wish to specifically thank the following organizations for their generous support and, in many cases, active involvement in the community projects:

- The Mary A. Tidlund Charitable Foundation, Canmore, Alberta
- Capitol City Medical Teams, Salem, Oregon
- Green Empowerment, Portland Oregon
- Smyrna United Church of Christ, Canby, Oregon
- Rotary Club of Calgary South, Alberta
- The International Foundation, Wayne, New Jersey
- Vitamin Angels, Santa Barbara, California
- Christadelphian Meal-a-Day Fund of the Americas
- Rotary Club of Calgary West, Alberta
- Rotary Club of Toronto Eglinton, Ontario
- Rotary Club of Brighton, Michigan
- Rotary Club of Kenmore, New York
- Global Water, Oxnard, California
- Mary's Pence, St. Paul, Minnesota
- SUNY-ESF Engineers Without Borders, Syracuse, New York
- Anna and Emmanuel Weinstein Foundation, Bethesda, Maryland



2013 Project Goals:

- Complete and publish DESEA's manuals for training illiterate community health workers and for construction of DESEA's PVC biosand filter.
- Extend the water and health program to an additional three remote indigenous communities.
- Train an additional eight women as qhalis and continue the training of the eight existing qhalis.
- Operate bi-weekly nursing clinics in all project communities.
- Establish first aid treatment centres/dispensaries in each community.
- Analyze health outcomes for communities where the DESEA program has been in operation for at least one year.
- Publish results of the integrated water and health program.
- Work with communities and municipal governments toward sustainability of the qhali program and promotion of DESEA's health model in the Andean region.

Challenges for 2013:

- A high rate of community-based birthing in the absence of medical services continues to be an issue. In 2013 DESEA will undertake an advocacy role with the communities and the Ministry of Health and the Municipal governments to devise a hospital birthing model which is acceptable to the Andean people.
- Domestic violence, typically alcohol-related, remains a serious problem for women in the communities. DESEA will partner with other NGO's and government agencies to address this issue.

How to support the project:

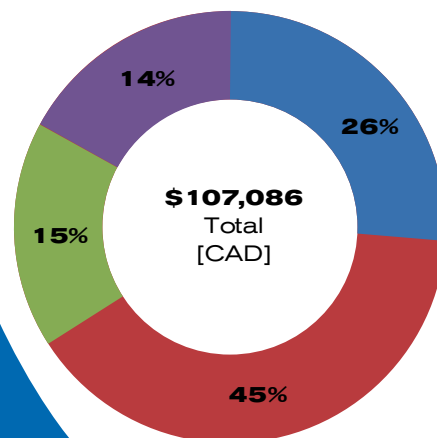
General and targeted contributions, with provision for recurring donations, can be made via our website (www.deseaperu.org). For example:

- \$65/month supports a qhali salary;
- \$35/month provides first-aid supplies and basic medicines to an entire community;
- \$90 purchases a permanent biosand water filter for a family with a year of filter maintenance and hygiene guidance;
- \$50 establishes a medical dispensary for a community; and
- \$25 provides parasite medication for 20 children under five.



Matt Deyka photos

Project expenditures for past 12 months



- Biosand water filter program
- Community health program
- Administration and office expenses
- Transportation and shipping