

2013 Annual Report

គោលដៅផ្គត់ផ្គង់

Water
For
Cambodia

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ស្រះទឹក
Water for Life
A Project By
Singapore
International
Foundation
For a Better World
Partners
Deutsche Bank
Water
for
Cambodia
អំពីគម្រោង: ទឹកស្អាត
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Message from the Chairman

This past year marked a new milestone for Water for Cambodia-with over 13,000 biosand filters installed to date our organization represents 25% of all filters in 7 out of 24 provinces in Cambodia!

This was accomplished during a difficult transition year When Eric Guerin joined WFC as Operations Director after successfully rebuilding Osmose, a Cambodian eco-tourism organization. Eric made good on his one-year commitment to relocate our operations headquarters and organized the new facility and our team into an even more effective organization. During the transition our Programs Manager, Nthabeleng Emmel was able to engage several new key partners to provide hygiene and sanitation services thereby enhancing capacity building in the villages we serve. As a result of her successes and enthusiasm for her work, Nthabeleng was offered and accepted the position of Director of Operations for WFC.

Our expertly conducted Monitoring and Evaluation program demonstrated the lasting impact that our filter installations have had on providing clean water for over 6 years at a “bargain” investment of \$50 per filter. This not only represents a tremendous value but also reaffirms the durability of a simple yet effective design. We also expect that the results of the data will allow WFC to obtain donor support for future projects. In addition, for the 15% of the installations that were not operative we learned that frequent relocations of beneficiaries were often the cause rather than equipment failure.

The strategic partnerships that we developed have added a new dimension to providing health and hygiene resources to rural villages. By combining our expertise in filter building and installation with latrines, wells and other sanitation services we are broadening our impact in the villages we serve. Our participation in a small but effective emergency flood relief operation gave our in-country team the confidence to increase output in a response to a crisis. Our water-testing lab garnered new commercial contracts and was able to cover its operation expenses for the first time.

The future continues to look bright for WFC as we expand our reach to more remote villages and increase our literacy program to include enhanced health and hygiene education. Together with your support we will meet all of our goals!

Sincerely,



Chris Van Hemelrijck
Chairman of the Board of Directors



Our mission is to provide clean water, hygiene and literacy education to rural Cambodian families, improving their health and helping to break the cycle of poverty.

CLEAN WATER A HUMAN RIGHT NOT A LUXURY

The Problem

Cambodia is a country of 15 million people, one of the poorest in Asia and still recovering from the Khmer Rouge regime where estimates of 2 million citizens were massacred. The highly educated were targeted, leaving the country with few doctors, teachers, engineers and an undeveloped infrastructure. In rural Cambodia where 80% of the population resides, there is no electricity, few paved roads and no clean water delivery systems. Although water is in abundance, typical drinking water sources are unsafe.

The statistics:

- Over 40% of the rural Cambodian population does not have access to safe drinking water
- Only 16% have access to adequate sanitation
- 20% of the deaths of children under 5 are due to waterborne diseases
- 31% of the population is under 14

Our Solution

Water for Cambodia builds and installs biosand water filters, household units that produce clean drinking water directly from contaminated sources. With over **13,000** filters in place we are bringing clean water to more than **80,000** people. In addition to installing water filters, literacy classes are offered to young village women providing basic reading, writing and math skills. As the primary caregiver they also receive instruction in health, hygiene and the proper use and maintenance of water filters. Our water testing lab monitors filter performance. This holistic approach is helping to break the cycle of disease and poverty.



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Water

“My children have less diarrhea now that we have the filter. I use it every day for all the drinking water and cooking for my family.”

Highlights and Accomplishments

By years end Water for Cambodia had installed over 13,000 biosand filters, bringing clean water to more than 80,000 people over the life of the project. This represents close to 25% of all biosand filters in Cambodia.

During 2013 we developed and implemented a Monitoring and Evaluation program which reviewed 800 of our oldest filters installed in 2007. Jaynie Whinnery, a graduate student volunteer from Portland State University was instrumental in designing questionnaires, training our in-country team to collect data on computer tablets and analyzing the data. The results revealed that 84% of biosand filters were still being used and functioning well. We are very proud of the lasting impact our work is having.

We have developed strategic partnerships with donors and other NGO's as we work to strengthen our WASH (WATER, Sanitation, and Hygiene) program. We are working closely with Malteser International which is contributing largely to health in Cambodia. Malteser builds latrines, rehabilitates and construct wells in rural Cambodia. Partnership with Malteser has supported our continued commitment in capacity building and bringing clean water to rural villages.

Navin Maruga and his Malaysian organization MAD (Make a Difference, www.themadexperience.com) have introduced us to the power of the internet fundraising. He organized an on-line campaign that raised funds for 200 biosand filters and is currently working on two more campaigns.

WFC participated in an emergency intervention for families affected by severe flooding in Kralanh and Srei Snam District with the generous help of Bridgewater State University. 60 biosand filters and personal hygiene kits were distributed during the emergency and an additional 60 will be installed in the recovery period. Another 100 filters will be installed with the help of rotary clubs.



Our Biosand Filter Project...

Water for Cambodia has been building and installing biosand water filters in the rural villages of Cambodia since 2006. These household filter units produce clean water directly from contaminated sources and are still functioning effectively at other sites after 10 years. Each filter produces enough clean water for a family of 6-8 people for years with very little maintenance. Each family is trained on filter operation, maintenance and safe water storage as well as basic hygiene and sanitation techniques. Filters are manufactured at our Siem Reap facility by our in-country team using local materials. To learn more about biosand filter operation visit our website at www.waterforcambodia.org.

Water for Cambodia has installed over 13,000 filters.

Our Water Testing Lab...

Our lab is the only water testing lab in Siem Reap. Not only does the laboratory help us to monitor the effectiveness of our biosand filters, but it also aids in monitoring and evaluation identifying areas where training in installation, use and maintenance must be strengthened.

Beyond directly supporting Water for Cambodia initiatives, our lab has become a teaching and research facility drawing students from Pannasastra University of Cambodia and Bridgewater State University in Massachusetts. Under the guidance of Dr. Kevin Curry and the WFC staff, students and volunteers have utilized our lab facilities to conduct research projects and gain hands on lab experience.

During 2013 the lab continued to develop as a community resource providing water testing services to several local non-governmental organizations that provide wells, water purification systems and child services. In addition, our commercial water testing services grew, being utilized by local hotels and guest houses.

Bridgewater State University students and faculty building biosand filters at WFC.





For an interactive look check out the Google Map on our website homepage.

Districts Where Our Biosand Filter Installations are Located

| <u>Distict</u> | <u>Filter #</u> | | |
|----------------|-----------------|---------------|---------------|
| Sout Nikum | 3345 | Battambang | 225 |
| Prasat Bakong | 2874 | Kralanh | 191 |
| Pouk | 2411 | Takeo | 187 |
| Chikraeg | 823 | Angkor Thom | 185 |
| Kampong Speu | 739 | Pursat | 171 |
| Angkor Chum | 656 | Odda Meanchey | 50 |
| Banteay Srey | 584 | Kampong Thom | 4 |
| Siem Reap | 483 | Svay Leu | 2 |
| Varin | 229 | | |
| | | Total | 13,159 |

Thanks to your support we have installed over **13,000 biosand filters** bringing clean water to more than **80,000 people.**



Our Literacy Classes and Libraries

As part of the holistic approach envisioned at the beginning of Water for Cambodia, basic education of the village women was considered a cornerstone for success. Our classes are offered mainly to village women who never had the opportunity to learn to read, write or do simple arithmetic. Each class has 25 students and runs for six months. They are held in the village usually at night and include education in health, hygiene, sanitation and filter use.

In 2010 at the request of a group of newly literate village women, we began to develop small village libraries. Nine are currently in operation with more planned in the years ahead. These are stocked with a variety of books in Khmer on subjects ranging from agriculture and poetry to wild-life and children's stories.

The library program has introduced the experience of reading for pleasure and reading as a family. Often the local school will work with our libraries to exchange books so each has access to a larger collection.

To date...2500 students and 9 libraries

Our Cambodian Team

Director of Operations

Nthabeleng Emmel

Monitoring and Evaluation

Seang Seur

Laboratory Manager

Seang Phalleap

Accountant

Sang Sopheakdey

Community Mobilizer

Sin Sisovan

Quality Control Officer

Mean Phros

Office Assistant

Sdueng Rennv

Filter Installers

Pan Sros

Chhe Sophoan

Filter Builders

Sou Tao

Pan Ty

Night Guard

Chab Chhean



Our Board of Directors

Chairman

Chris Van Hemelrijck

Secretary

Lisa Van Hemelrijck

Treasurer & Project Director

Bob Aldrich

Pat Burke

Kevin Curry

Phil Driscoll

Andy Erickson

Nicole Hausen

Jeff Kenyon

Don Nguon

Raya Papp

Phil Robertson

Hector Rodriguez

Theresa Timmins

Jonathan Ter Meer





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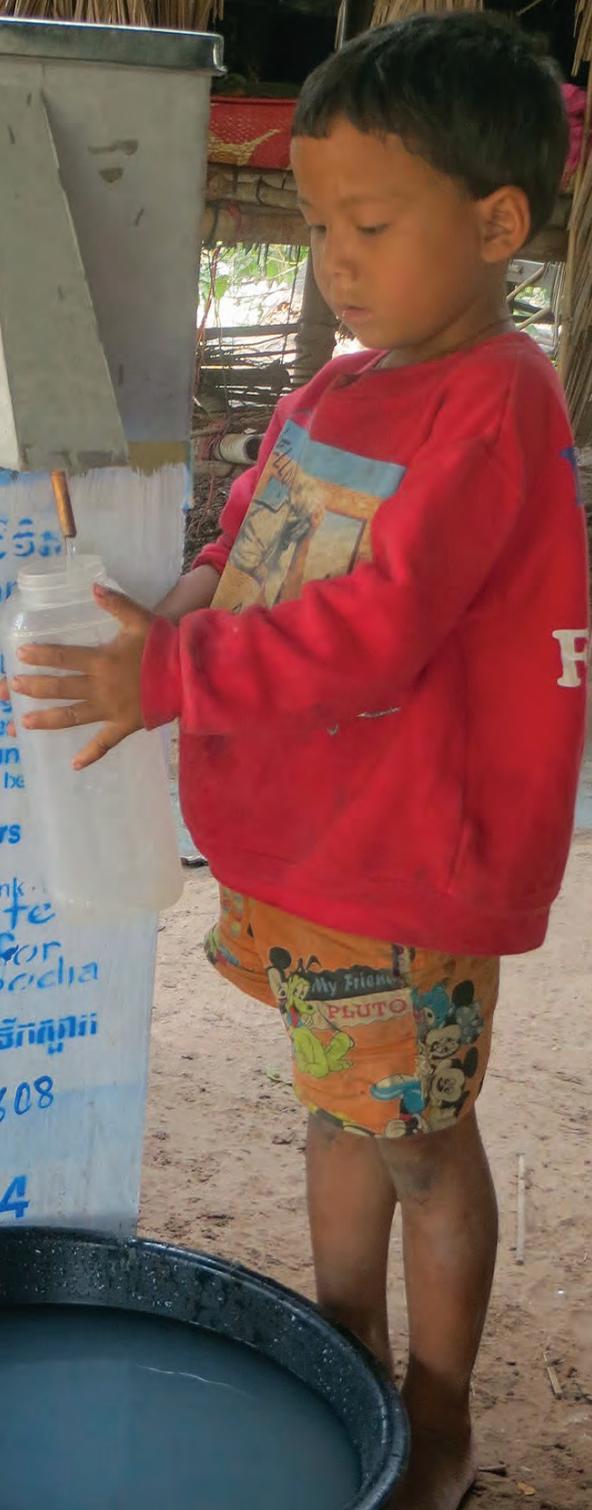
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Financials

Statement of Revenue and Expenses 2013

| Revenue | | Expenses | |
|--|------------------|---|------------------|
| Balance December 31, 2012 ¹ | \$176,772 | Funds transferred to Cambodia | \$169,943 |
| Donations Received US ² | \$118,502 | Funds expended in Cambodia ⁵ | \$13,619 |
| Donations/sales in Cambodia ³ | \$59,490 | | |
| SIF funds received ⁴ | <u>\$58,050</u> | Other expenses ⁶ | <u>\$33,907</u> |
| Total funds available | \$412,814 | Total funds expended | \$217,469 |
| Balance December 31, 2013 | \$195,34 | | |

Notes:

- December 31, 2012 balance represents funds held in the US and Cambodia.
- All donations received and held in MRCT (Middletown Rotary Charitable Trust) account.
- Includes both discretionary and non-discretionary donations and restricted funds.
- This represents funds provided from the US to the project team in Cambodia covering salaries, materials, and operating costs for the biosand filter program, literacy classes, libraries and laboratory operations including the **Water for Life** project.
- Miscellaneous expenses not paid from US or SIF funds.
- These costs cover miscellaneous expenses associated directly with fundraising. No member of the US or Cambodian Boards of Directors receives any compensation or allowances in their capacity.

Middletown Rotary Charitable Trust is a 501(c)(3) tax exempt organization.



Water for Cambodia
P.O. Box 4258
Middletown, RI 02842

info@waterforcambodia.org

www.waterforcambodia.org