A young child, shirtless and smiling broadly, is drinking water from a public tap. The child's hand is raised to their mouth, and water is visible in their mouth. The background shows a rustic setting with wooden structures and a public water tap with a plastic bottle attached. The overall scene conveys the importance of clean water in rural areas.

Clean Water, a Human Right not a Luxury

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.

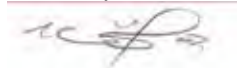
Message from the Chairman...

If there is a phrase that can capture the essence of Water for Cambodia in 2012 it would be mission accomplished! I say this because all of the goals set in 2011 were met in 2012, thanks to the generous support of our many donors. Our partnerships with Rotary International, The Singapore International Foundation and the German Red Cross allowed for the installation of over 2100 biosand filters and a broader impact for pure water in Cambodia including 3 districts in Battambang Province and Kampong Spue. Our literacy program graduated 450 new students and three new libraries were installed. The lab continues to grow in commercial and research areas.

With great accomplishments we were also challenged with significant transitions of several key staff members. Early in the year we wished Miekko Morgan, our friend, lab leader, co-director and longest serving member of our Water for Cambodia in-country team goodbye and good luck as she pursues her goal of earning a masters degree in public health. We also bid farewell to Hok Seng, our lab technician, who was offered a growth opportunity in a commercial enterprise. With Miekko's departure, the Board of Directors and in-country team made the strategic decision to add a Program Manager to lead the development of our lab as a commercially successful component and to pursue funding and partnership opportunities. We were very fortunate to meet and hire Nthabeleng Emmel who came to us with a great deal of health and development experience. We also welcomed our new lab technician Seang Phalleap and Sang Sopheakdey who has taken charge of accounting functions.

As we forge ahead into 2013 we envision a sustainable effort that aligns with the United Nation's Millennium Development Goals. This will require a business model that builds on our commercial applications of our water testing technology along with building partnerships with other Southeast Asian and international organizations. At the same time we will need to marshal our resources to expand our monitoring and evaluation program to review the more than 11,000 biosand filters installed since 2006. As with all worthy and successful development projects this continues to require generous support from you, our donors.

Sincerely,



Chris Van Hemelrijck, MD
Chairman of the Board of Directors



CLEAN WATER CHANGES LIVES

The Problem...

Cambodia is a country of 14.3 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 **11,000** filters in place we are bringing clean water to more than **75,000** 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. A water testing lab monitors filter performance. This holistic approach is helping to break the cycle of disease and poverty.



ទឹកជីវិត

Water for Life

A Project By



Singapore
International
Foundation
(for a better world)

Partners

Deutsche Bank



Water
for
Cambodia



Highlights and Accomplishments...

By the end of 2012, our in-country team had installed over 11,000 biosand filters since the project began in 2006, reaching 175 villages in many of the poorest districts in Cambodia. 450 more literacy students graduated from our literacy program bringing the project total to over 2500 graduated and we now have 8 local libraries in operation.

The year began with **Water for Cambodia** being awarded a competitive contract from the German Red Cross to supply 700 filters in Kampong Speu Province and upon successful completion 200 additional filters were contracted for. Our team successfully completed a \$65,000 Rotary Matching Grant by installing over 400 filters along with 2 libraries and 200 literacy students.

Our **Water for Life** partnership with The Singapore International Foundation (SIF) with funding from Deutsche Bank also continued with installation of 600 filters and 300 literacy students. This program also brought 84 volunteers to assist in building filters.

The **Water for Cambodia** team (Mieko Morgan, Sok Heng and Seur Seang) collaborated with Dr. Kevin Curry from Bridgewater State University to assess the impact of the WFC outreach and biosand filter usage in the floating villages of Moat Khla on the Tonle Sap Lake. The study was selected for presentation at the University of North Carolina International Water and Health Conference October 2012.

We hired three new key members to our staff. Nthabeleng Emmel joined the team in a new position for WFC as programs manager to pursue funding and partnership opportunities and help develop the laboratory into a commercially successful component of the project. Seang Phalleap joined us as our laboratory manager and Sang Sopheakdey as accountant.



Districts where Water for Cambodia biosand filter installations are located. For an interactive look check out Google Maps, "Water for Cambodia biosand filter installations".

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. To learn more about biosand filter operation visit our website at www.waterforcambodia.org.

A family receiving a biosand filter is actively involved in the installation giving them a vested interest in maintaining their filter. 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 date...over 11,000 biosand filters installed

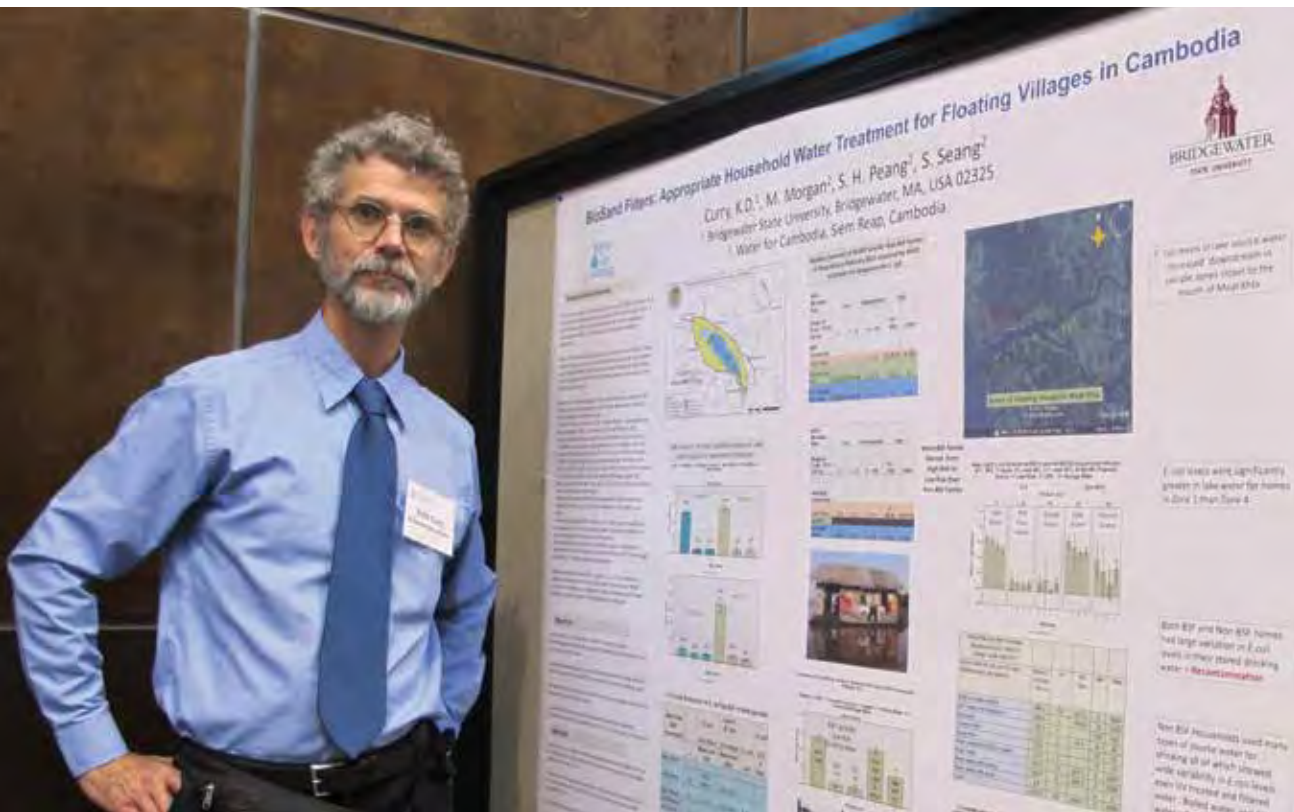
Our Water Testing Lab...

Our lab is the only water testing lab outside the capital city of Phnom Penh 200 km away. 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 2012 the lab continued to developed 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.

Dr. Kevin Curry of Bridgewater State University presenting results of a study he did with WFC on the effectiveness of biosand filters as a household water treatment for the floating villages in Cambodia at the University of North Carolina International Water and Health conference in October 2012.





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. Eight 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 libraries also feature self study English books.

The library program has introduced the experience of reading for pleasure and reading as a family. Our library logs documenting library visits showed the books were accessed over 9000 times during 2012 alone. 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 8 libraries

Our Cambodian Team

Project Manager

Heng Sathya

Programs Director

Nthabeleng Emmel

Laboratory Manager

Seang Phalleap

Monitoring and Evaluation

Seang Seur

Accountant

Sang Sopheakdey

Community Mobilizer

Sin Sisovan

Office Assistant

Sdueng Rennv

Filter Team

Pan Sros

Chhe Sophoan

Mean Pros

Houk Hann

Chab Chean

Pan Tee



Our Board of Directors

Chairman

Chris Van Hemelrijck

Vice Chairman

Nicole Hausen

Secretary

Lisa Van Hemelrijck

Treasurer & Project Director

Bob Aldrich

Pat Burke

Kevin Curry

Andy Erickson

Alan Flynn

Jeff Kenyon

Peter Milinazzo

Don Nguon

Bart Nuboer

Raya Papp

Phil Robertson

Hector Rodriguez

Theresa Timmins







Financials

Statement of Revenue and Expenses 2012

Revenue		Expenses	
Balance December 31, 2011 ¹	\$159,871	Funds transferred to Cambodia ⁴	\$127,013
Donations Received ²	\$154,720	Funds expended in Cambodia ⁵	\$49,282
SIF funds received ³	<u>\$48,014</u>	Other expenses ⁶	<u>\$28,271</u>
Total funds available	\$362,605	Total funds expended	\$204,566
Balance at year end	\$158,039		

Notes:

1. December 31, 2011 balance represents funds held in the US and Cambodia.
2. These are funds received in the US (\$93,936) and in Cambodia (\$60,784).
3. These funds were provided through The Singapore International Foundation (SIF) by their corporate donors for work performed for their **Water for Life** project. All activities and relationships on behalf of SIF are governed by Memos of Understanding endorsed by both parties.
4. 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.
5. Includes local funds expended for project related activities. The majority were expended on projects for the German Red Cross (\$33,694) and compensation filter construction labor and bulk hauling of filters to their remote delivery destinations (\$15,931).
6. These costs cover miscellaneous expense items associated directly with fund raising. 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

To learn more about Water for Cambodia
visit us on our website

waterforcambodia.org

Middletown Rotary Charitable Trust
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Middletown, RI 02842