



Water
for
Cambodia

ANNUAL REPORT 2015



Shirley Pond
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Water
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Cambodia
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FROM THE INTERNATIONAL EXECUTIVE DIRECTOR

Each year Water for Cambodia touches hundreds of families for the first time bringing improved health and safe, clean water. Since our founding in 2005 thousands of young Cambodians now attend school regularly, enjoy life without debilitating diarrhea and see their families gain new choices in spending income formerly depleted by unnecessary medical care. This is only possible through the generosity of YOU and our dedicated staff in Cambodia.

During 2015 our staff built and installed 1,800 water filters bringing the total lives touched to over 104,000 people. Some of these filters went to villagers living on the Tonle Sap Lake whose water source is the same lake water used for all other household and hygiene functions. Other units went to villagers in Omal plagued with 6 foot deep annual flooding that contaminates their water sources. Others went to villagers who learned the benefits from neighbors and family members already using biosand filters.

A newly strengthened literacy curriculum was introduced in June featuring a longer school year, new texts and greater focus on learning through application to everyday needs and skills. Our literacy coordinator works closely with the Ministry of Education to ensure our students are officially recognized for their accomplishments. This program touches the lives of village women overlooked by education opportunities in the past.

These laudable accomplishments were achieved despite a challenging transition in staff and leadership. Nthabeleng Emmel, our Operations Director left us in August when her family relocated to Germany. We were very fortunate to recruit Luigi Giani as our new Operations Director. Luigi, a long term resident of Southeast Asia brings several years of NGO development and directorship experience in Cambodia. Two other key staff members, Seur Seang and Phalleap Seang (not related) moved on to new opportunities and to more challenging positions in Phnom Penh.

Together these efforts have consistently resulted in reports of reduced illness, higher school attendance, improved personal sanitation habits and constant demand for filters by families that never sought one in the past. These outcomes inspire us to move beyond bringing safe drinking water and learning opportunities but to seek ways to strengthen direct community involvement in sanitation, hygiene and health initiatives. This will be achieved by partnering with local leaders and NGO experts to bring comprehensive programs addressing total community needs rather than one piece of the solution at a time.

Sincerely,



Bob Aldrich
International Executive Director



Clean Water A Human Right Not a Luxury

THE NEED

Today, Cambodia continues to struggle as it works to recover from decades of war, genocide and political strife. The resulting poverty and under development leaves millions without adequate clean water, educational opportunities and infrastructure. Eighty percent of the population resides in rural Cambodia; there is almost no electricity, few paved roads and no clean water delivery systems. Although water sources are often abundant, they are unsafe to drink. Successfully addressing these problems has been largely left to non-governmental, donor-supported organizations. Water for Cambodia through YOUR generous support continues to play an internationally recognized role in addressing these very fundamental human needs.

The statistics:

- *6.3 million Cambodian people do not have access to clean drinking water*
- *75 % of the rural population do not have access to adequate sanitation*
- *20% of the deaths of children under 5 are due to waterborne diseases*
- *Levels of education and school attendance are deeply affected by children's health and their ability to attend school*

OUR SOLUTION

Water for Cambodia builds and installs biosand water filters, household units that produce clean drinking water directly from contaminated sources. With over **17,000** filters in place YOU are bringing clean water to more than **104,000** 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.

Cham Sante
**JOB
LOT** Charitable
Foundation

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Water
For
Cambodia

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2016

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HIGHLIGHTS AND ACCOMPLISHMENTS

- By year's end Water for Cambodia had installed 17,338 biosand filters, bringing clean water to more than 104,000 people over the life of the project.
- We launched our enhanced literacy program emphasizing life skills, childcare and health, hygiene and sanitation at both the personal and community levels. A woman graduating from the program can now read signs, has a diploma to show a potential employer, can fill out an application, understands basic hygiene and the importance and care of a biosand filter.
- This was a year of transition. In June we said goodbye to our Operations Manager of the past 2.5 years Nthabeleng Emmel and her family as they embark on their next adventure in Germany. In August we welcomed our new director Luigi Giani, a longtime resident of Southeast Asia with years of experience in the local NGO community.
- WFC completed several challenging grants. In 2014 a disaster relief effort in response to 6 foot annual flooding was completed thanks to funding from Bridgewater State University. During 2015 pedestals were designed to raise the filters above flood levels. Another project done in partnership with Maltezer International WFC was able to develop and implement a comprehensive community health, hygiene, sanitation and safe water project in Angkoul Village.

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.

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 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 17,000 filters.

OUR WATER TESTING LAB

Water for Cambodia operates the only water-testing laboratory in the region. This unique capability allows WFC to ensure that the water provided by the filters is clean and safe to drink. Our lab also supports teaching and research, drawing students from Pannasastra University of Cambodia and Bridgewater State University in Massachusetts. Under the guidance of BSU educators and the WFC staff, students and volunteers have utilized our lab facilities to conduct research projects and gain hands on lab experience. The lab also serves as a community resource for other humanitarian organizations as well as local hotels and restaurants.



Our laboratory technician Sothyreak Chhun running tests on water filter samples.

THAILAND



DISTRICTS WHERE OUR BIOSAND FILTER INSTALLATIONS ARE LOCATED

<u>Location</u>	<u>Filter #</u>		
Prasat Bakong	3928	Srei Snam	453
Sout Nikum	3345	Battambang	327
Pouk	3151	Pursat	271
Banteay Srey	1573	Varin	238
Chikraeg	831	Takeo	187
Kampong Speu	739	Angkor Thom	185
Siem Reap	702	Odda Meanchey	50
Kralanh	696	Kampong Thom	4
Angkor Chum	656	Svay Leu	2
		Total	17,338

Thanks to your support over 17,000 biosand filters are providing clean water to more than 104,000 people.

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

OUR LITERACY CLASSES AND LIBRARIES

As part of the holistic approach envisioned from the beginning of Water for Cambodia, basic education of rural village women has been considered a cornerstone for success. Classes have been offered primarily to village women who never had the opportunity to learn to read, write or do simple arithmetic. To date close to 3000 have benefited from this initiative.

In 2015, WFC partnered with the Provincial Ministry of Education to enhance and strengthen the literacy program. The curriculum was expanded, new textbooks were introduced and class duration was increased from 6 to 10 months. Great emphasis has been placed on life skills, childcare and health, hygiene and sanitation at both the personal and community levels. The first classes using this new approach began in June and additional classes are scheduled to start in April 2016.

In 2010 at the request of a group of newly literate village women, we began to develop small village libraries. In 2015, an initiative to refurbish, restock and upgrade each library was also launched. The unique needs of each library were assessed and a plan tailored to address the needs created. Under utilized libraries were relocated, worn facilities refurbished and all collections updated with new publications. Expansion of the program is planned for 2016.

OUR PARTNERS

Water for Cambodia has developed strategic partnerships with local organizations to help strengthen village capacity building and **WASH (WATER, Sanitation and Hygiene)** training. These partnerships allow WFC to leverage our capabilities by addressing latrine, water sources and community needs.



Graduation ceremony for our latest literacy classes.

OUR CAMBODIAN TEAM

Director of Operations

Luigi Giani

Programs Assistant

Vantha Hem

Laboratory Manager

Sothyreak Chhun

Laboratory Technical Advisor

Massimo Maio

Admin and Finance

Sopheakdey Sang

Community Mobilizer

Sisovann Sin

Quality Control Officer

Sros Pan

Filter Installers

Sophoan Chhe

Hun Kong

Filter Builders

Tao Sou

Ty Pan

Office Assistant

Renn Sdueng

Night Guard

Chhean Chab



OUR US BOARD OF DIRECTORS

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Bob Aldrich

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Kevin Curry

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Andy Erickson

Nicole Hausen

Mike Kelly

Jeff Kenyon

Don Nguon

Raya Papp

Hector Rodriguez

Jonathan Ter Meer





Family Story

Mrs. Chhoun Heng, pictured on the right lives with her husband, father and two young daughters. She and her husband work as farmers. Before the family received their filter they were always sick with diarrhea, fever, and vomiting 4 to 5 times a month. This meant traveling 3 KM for medical treatment at a huge cost to the family in time and money. They also had to collect wood to boil the water for drinking which took a lot of time. They did not always have time to do it. After receiving the biosand filter the family has been healthy. The children take a bottle of filtered water to school each day and have now been able to attend school regularly.

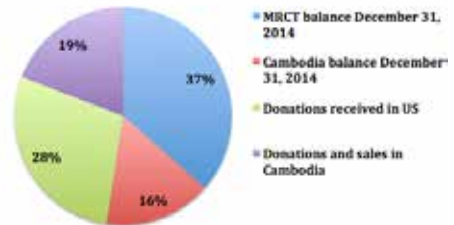
FINANCIALS

Statement of Revenue and Expenses 2015

Revenue

MRCT balance Dec. 31, 2014 ¹	\$201,891
Cambodia accounts Dec. 31, 2014 ²	\$88,851
Donations Received US ³	\$156,910
Donations/sales in Cambodia ⁴	<u>\$106,151</u>
Total funds available	\$553,803

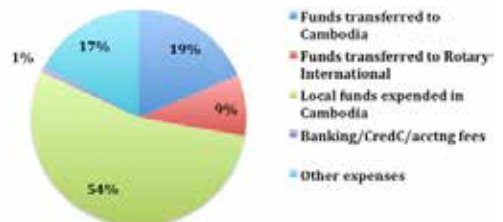
Revenue



Expenses

Funds transferred to Cambodia ⁵	\$38,241
Funds transferred to Rotary International ⁶	\$18,900
Local funds expended in Cambodia ⁷	\$111,348
Banking/credit card/accounting fees ⁸	\$1,788
Other expenses ⁹	<u>\$35,295</u>
Total funds expended	\$205,572

Expenses



Balance December 31, 2015 \$348,231

Notes:

1. WFC a Middletown Rotary Charitable Trust (MRCT)
2. All funds deposited in WFC accounts in Cambodia
3. All donations received and held in MRCT account
4. Includes both discretionary and non discretionary donations but excludes transfers from MRCT account
5. Project funding from MRCT account
6. Funds transferred directly to Rotary International for Global Grant match (to be spent in 2016)
7. Project expenses not paid from US accounts
8. Banking, credit card, PayPal, Square and accountant fees
9. These costs cover miscellaneous expenses associated directly with fundraising

No member of the US or Cambodian Boards of Directors receives any compensation or allowance in their capacity.

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



Water for Cambodia
P.O. Box 1121
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YOU MAKE THE DIFFERENCE!

To DONATE visit us at www.waterforcambodia.org