



Strive for Development and Humanity

RC of Pursat Office • Ra village • Phtasprey Commune • Pursat Town • Pursat Province • Cambodia
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Quarterly Grant Report

Update for	: October to December, 2015
Grant Title	: Water, Sanitation, and Hygiene in Sdok Svay, Ou Roka, and Kampong Stoung Villages
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*This is a **Grant Quarterly Report** that contains photos and more detailed information. If you have any questions concerning the Grant, please don't hesitate to contact the RC Pursat or SC's offices.*

Summary Project Plans:

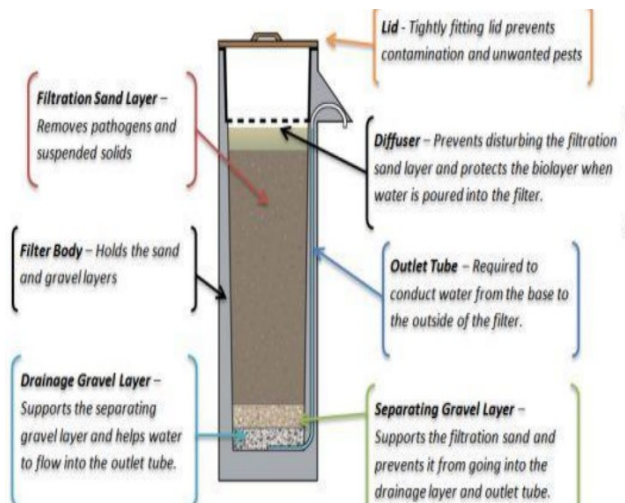
Big Village Basket 4 (BVB4) Projects are being implemented in Kampong Stoung Village, Sangkat Chanraeun Phal, Pursat Town.

The project aims to improve the quality of life of the village people by providing safe water, good sanitation and hygiene (WASH) with 35 latrines, 14 Bio-sand filters, and 2 Rain Roof Top Harvesting Tanks. Training on Sanitation and Hygiene is also provided and aims to improve beneficiaries' knowledge in this area. Below is the progress update:

Achievements / Outcomes:

Bio-sand filters Manufactured, Delivered, and Installed

The BSF is a simple structure consisting of nothing more than a concrete container filled with layers of sand, gravel and a copper pipe. As uncomplicated as it may be, the BSF is a highly efficient water filter. The sand and gravel effectively remove dirt, bacteria, viruses, parasites and other impurities from the water. The BSF, therefore, renders turbid water drinkable. A substantial amount of water in rural areas is contaminated by human and animal fecal runoff, especially during the rainy season when flooding spreads contaminants into wells. BSFs provide an economic and effective solution to removing such bacteria borne contaminants.



Studies have shown that a properly working Bio-sand filter may remove:

- More than 90% of fecal coli form
- Up to 98.5% of bacteria
- Up to 99.9% of protozoa
- Up to 95% of turbidity
- Up to 90 -95% of iron
- Most suspended sediments



Bio-sand filters were manufactured and delivered to two new beneficiaries (one to each family), who live in Kampong Stoung Village and these will be installed in January, 2016.

To receive BSFs, beneficiaries must meet certain criteria such as: families need to have enough water to fill during the dry and rainy seasons, families must settle in the target area, and family members must commit to using BSFs daily.

Bio-sand filters are installed in a safe place (safe from animal and sun light) and simple instruction should be followed which include: put 5 centimeters of clean big gravel in the bottom of the Bio-sand filter, add 5 centimeters of clean small gravel, add 55 centimeters of fine sand and then add the small gravel and keep a 5 centimeters gap from the outlet pipe and fine sand layer to make the biological layer.

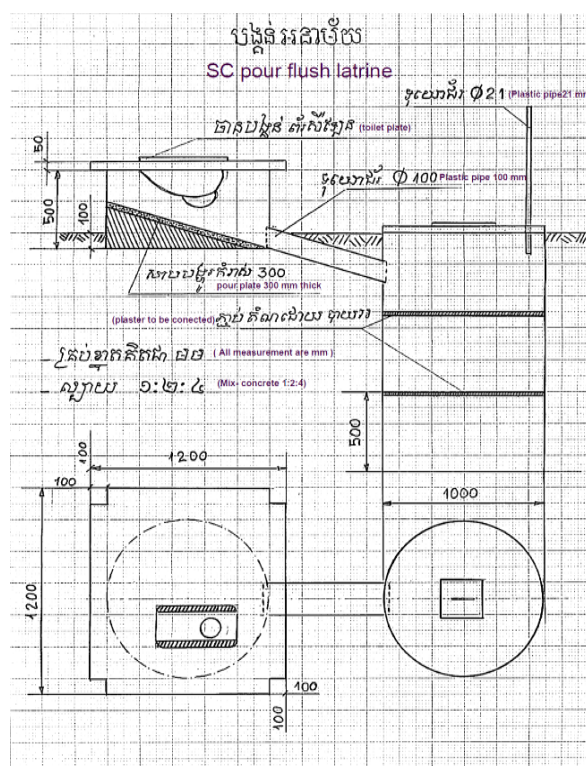
Each family receives a simple banner, showing pictures and Khmer words, which clearly helps the BSFs users as a method for problem solving, if their BSFs gets stuck (slow flowing rate) for example if they use a high water tube...etc.

Beneficiary Selection and Sanitation and Hygiene Training

The Latrine Program works in conjunction with the Wells and Bio-Sand Filters Programs, to ensure clean water, by reducing or eliminating the contamination of human fecal matter in local water supplies. While the latrines are built for individual households, it is often the community that works together to build each latrine in a cooperative effort. A majority of the costs and materials are provided by SC. Roofs, walls and doors however, are expected to be provided by the participating community members. This fosters a sense of ownership and accomplishment among the community members. It also follows SC's values of empowerment, instead of creating dependency, in the communities in which they are involved.

With a simple design of a one meter square size area, old people, children, and adults can easily use and maintain it. Also, the building materials for the roof, walls and door, can easily be found in the local area.

Concrete rings which contain human feces can be used on average by 5 family members and will take ten years to fill.



To receive a latrine, beneficiary families must meet the selection criteria such as: families are in either one or two of the poor condition levels (poorer and poorest) that cannot afford to have a latrine, family members must commit to building a roof, door, and walls within two weeks after the latrines are installed, families have settled in the target areas, and families have enough space to build a latrine at least 20 meters from the water source.



A high priority exists for the people in the new target village, so 35 new latrines will be provided to 35 beneficiary families in Ou Roka village with 155 people directly benefiting.

After beneficiaries were selected using the criteria, one training on hand washing and guidance for latrine building was conducted to 25 beneficiary families. The main goal of the training focused on giving guidance on the materials needed to build the latrine walls, roof and door. The training also trains the trainees on the 8 steps of hand washing after using the latrine, before cooking, before eating and feeding babies.

RRH Manufacturing and Beneficiary Selection

The Rooftop Rainwater Harvesters Program was designed to give communities even more access to clean, potable water. While the Wells Program provides access to water below the earth's surface, the Rooftop Rainwater Harvesters (RRHs) provide access to the wet season's ever abundant rainwater. For those families, without access to a well, the water provided from the RRH has proven crucial. Even for those with access to a well, a RRH provides an important additional source of water for cooking, cleaning, and bathing. With a capacity of 4,000 liters, a single Rooftop Rainwater Harvester holds sufficient water to provide a family's drinking water throughout the dry season.

Two new beneficiary families with 9 members were selected by the Village Development Committees to receive four new RRHs, due to their priority need in Ou Roka village. The criteria of beneficiary selection are: they must be settled in the target community and their houses should be higher than 2.5 meters from the ground and have zinc or tiled roof.

After beneficiaries were selected, four new Rain Rooftop Harvesting tanks were manufactured in Sustainable Cambodia and these will be delivered and installed at the beneficiaries' houses in January, 2016.



Financial Report

Date	Memo	Class	Amount	Fund \$ Total BVB #3,#4 	Amount	BVB #4's Fund
	BVB # 4 Grant Revenue					
	Beginning Balance		-			
	Fund received \$19,933.28 Allan Requested RAWCS to forward USD 5,000.00 dollars to be used by Susan on School project Transferred to SC's Main account (\$19,933.28-\$5000)=\$14,933.28 for Project BVB #3,#4 & #5)		4,977.76	14933.28	3	4,977.76
	Bank interest					
	Cash unspent					
	Total		4,977.76			
	Expense					
	62000 · Community Develop Program Exp					
	62000 · Community Develop Program Exp					
	62300 · Wells and Water Projects					
	62330 · Rainwater Harvesting					
	62339 · RRH Made and Charged To Grant					
11-04-2015	SCA/BVB#4 transferred to SC's Main account for team work implementation to new (2RRHs@\$280=\$560) for 2beneficiary families in Ou Roka Village	Community Development:BVB#4	560.00			
	62400 · BSF Water Filtration					
	62470 · BSF Made and Charged to Grants					
11-04-2015	SCA/BVB#4 transferred to SC's Main account for team work implementation to new (2BSFs@\$100=\$200) for 2 beneficiary families in Ou Roka Village	Community Development:BVB#4	200.00			
	62700 · Sanitation and Latrines					
	62717 · Latrines Made Charged to Grant					
11-04-2015	SCA/BVB#4 transferred to SC's Main account for team work implementation to new (35Latrines@\$120=\$4,200) for 35beneficiary families in Ou Roka Village	Community Development:BVB#4	4,200.00			
	Total Expense		4,960.00			
	Cash Remaining Balance the end of 31 Dec, 2015		17.76			
	Fund Reconciliation :					
	Cash on Hand		-			
	Outstanding Advance		-			
	Cash in Bank from passbook the end of Dec 2015		17.76			
	Total		17.76			
	Cash Discrepancy		0.00			

Hosted by:



The Rotary Club of Pursat has been established on 2005 contains 16 members in the first forming and then increase to 25 members. And they are working as School Director, NGO Coordinator, Manager, Employee, Teacher, Doctor, Nurse, Student and Business man. On the 25th of February 2006, The Rotary Club of Pursat has registered and accepted by The Rotary International in order to help the Cambodian villages in which we work become self-sustaining communities where people want to live, with healthy water and facilities, good food, health care and education for the residents, where there is environmental and social responsibility, and employment that allows them to sustain and continually improve their quality of life by our service above self. The Rotary Club of Pursat Officially Chartered Date: 24 February 2006. Club ID: 72097. District: 3350 with Thailand. Please visit our website at www.rotarypursat.com

Cooperate with:



Sustainable Cambodia is a Rotary-supported nonprofit organization working to help the residents of Cambodian villages create a sustainable quality of life. We do not simply give aid to the villagers. Instead, we help them build wells, irrigation systems and schools, and train them in agriculture and vocations, empowering and enabling them to create positive and measurable change in their villages. Sustainable Cambodia is registered in Cambodia as an NGO and in the USA as a 501(c)(3) tax-exempt charitable organization. Please visit our website at www.sustainablecambodia.org

Project name: BVB #4

Target areasOu Roka Village, Sangkat Chamraeun Phal, Pursat Town

Project goal/objectives: To provide safe water and sanitation toKamOu Roka Village peole to get better health.

Target group:

Description	Unit	Qty	Cost	Total	2015						Balance
					Oct	Nov	Dec	Jan	Feb	Mar	
A. Personnel cost											
				\$ -							-
				\$ -							-
				\$ -							-
				\$ -							-
Subtotal				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
B. General Operations											
Latrine	Number	35	\$ 120.00	\$ 4,200.00		\$ 1,440.00	\$ 1,560.00	1200			4,200.00
RRH	Number	2	\$ 280.00	\$ 560.00			\$ 560.00				560.00
Bio-sand filter	Number	2	\$ 100.00	\$ 200.00		\$ 200.00					200.00
											-
Subtotal				\$ 4,960.0	\$ -	\$ 1,640.0	\$ 2,120.0	\$ 1,200.0	\$ -	\$ -	\$ 4,960.0
C. Capacity Building											
				\$ -							-
Subtotal				\$ -	-	-	-	-	-	-	-
D. Administrative costs											
				\$ -							-
				\$ -							-
Subtotal				\$ -	-	-	-	-	-	-	-
E. Other costs and services											
				\$ -	\$ -	\$ -	\$ -				-
				\$ -	\$ -	\$ -	\$ -				-
Subtotal				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grand Total				\$ 4,960.00	\$ -	\$ 1,640	\$ 2,120	\$ 1,200	\$ -	\$ -	\$ 4,960.00