



SAFE WATER AND AIDS PROJECT (SWAP)

Annual Report - 2013



Safe Water and AIDS Project (SWAP)

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LIST OF ACRONYMS

CSO	Civil Society Organization
CARE	Cooperative of American Relief Everywhere
CDC	Centers for Disease Control and Prevention
DIV	Development Innovation Ventures
ETL	Education Through Listening
FBO	Faith Based Organization
FGD	Focus Group Discussions
GoK	Government of Kenya
HCM	Health Communication and Marketing
HCT	HIV Counseling and Testing
HENNET	Health NGO's Network
HWT	Household Water Treatment
IAQ	Indoor Air Quality
JHP	Jamii Health Promoters
KEMRI	Kenya Medical Research Institute
MoH	Ministry of Health
NGO's	Non Governmental Organizations
OVC's	Orphans and Vulnerable Children
PSI	Population Services International
P&G	Procter and Gamble
SWAP	Safe Water and AIDS Project
SWS	Safe Water Systems
STI	Sexually Transmitted Infections
MSWANC	Mobile Phone Safe Water and Antenatal Care
USAID	United States Agency for International Development
VCT	Voluntary Counseling and Testing
WASH	Water Sanitation and Health

SWAP's VISION, MISSION, GOALS AND CORE VALUES

Vision: *A healthy and empowered community where everyone enjoys a high quality of life.*

Mission: *To improve the quality of life of the vulnerable in the community by building their capacities and supporting them to develop profitable health oriented micro enterprises*

Goals: *Increase income from environment friendly and health oriented micro-enterprises and improve health status of the vulnerable communities.*

Values: *SWAP values are compassion, integrity, partnership, teamwork and responsiveness.*

FROM THE DIRECTOR'S DESK

Safe Water and AIDS Project (SWAP) has completed its ninth year of operations. Activities have remained focused in Western Kenya, due to high burden of disease in the area. The past years have been dynamic and turbulent years of starting, testing, evaluating, adjusting, scaling up and now professionalizing and commercializing. SWAP aims in the future to become self reliant and sustainable and less donor dependant by increasing revenue from sales of health and hygiene products while continue to address public health concerns.

2013 has been a year where SWAP relied heavily on revenue from sales with less donor support. This has made SWAP to become very proactive in fundraising and writing proposals. SWAP had to reduce its workforce while some employees continued working on commission. In 2013 SWAP closed the Gem satellite office and Rangwe “Jamii” Center. The environment has been challenging with an election year, increased prices of most of the health products, cash flow problems and insecurity.

SWAP won the “Saving Lives at Birth” award, in collaboration with Rand Corporation, University of California and CDC, for a two years antenatal care study to be undertaken in rural Nyanza Province around 20 health facilities. SWAP’s Country Director and Principal Investigator from RAND were invited in Washington DC for training with other award winners. The study has since been launched and aims to increase the number of pregnant mothers attending antenatal and postnatal care and deliveries in health facilities.

SWAP won the “APHIA PLUS HCM Sub-award” through Population Services International (PSI). Activities started in April 2013 and SWAP established two new “Jamii” Centers and trained Community Health Workers in Yala and Wagai. This strengthened our partnership with PSI, whose employees have been providing technical support for the sub awards activities.

Procter and Gamble continued to be a supportive and committed partner, providing technical support and mentorship to help SWAP commercialize its unique distribution model.

SWAP continued to receive technical support from CDC Atlanta, who have been supporting with staff, technical research skills and fund raising. Various papers have been published and presented on national and international forums.

SWAP entered into a partnership with KWAHO and EAWAG. SWAP trained the KWAHO water kiosk groups on behavioral change, social marketing and business skills and SWAP will in 2014 stock these 6 kiosks within Kisumu slums with health products and mentor the groups to become self reliant. EAWAG sponsored the Country Director to present on a water conference in Benin.

SWAP received new funding towards the end of the year from “Foundation Wijjocha”, a Dutch foundation which supports SWAP with training of Community Health Promoters, health products and a

scholarship for Nivah, an orphan whose mother was shot during the post election violence and who is now in a boarding school.

SWAP is delighted to announce that it won a USD \$1 Million USAID/DIV Award for three years to scale up with 18 new “Jamii” centers and research activities to evaluate the program’s health and economic impact. The activities started in December 2013. SWAP will implement these activities in collaboration and with technical support from George Washington University School of Public Health and Health Services, Center for Disease Control and Prevention (CDC) and Procter and Gamble.

SWAP organized the eighth annual Kisumu World AIDS Marathon and over 400 runners participated while close to 500 volunteers helped in the organization of the Marathon. Harber Charitable Foundation and the Richard Brodsky Foundation supported this activity as well as partner organizations and the Kisumu business community.

Harber Charitable Foundation continued to finance the emergency fund, which enabled SWAP to respond to floods, diarrhea outbreaks, widow support, medical support and scholarships for bright orphans from vulnerable families.

SWAP continued being active and represented in the Board of Directors of HENNET, a National Health NGO Network, while HENNET supported various workshops and capacity building activities including the launch of County Chapters in Homa Bay and Kisumu.

SWAP’s Country Director was decorated by the Dutch Queen as a “Knight in the Order of Orange Nassau”. This event was witnessed by management and board members at a function graced by the Dutch Ambassador and held at the Duke of Breeze. The award was given in recognition of her commitment and work with the vulnerable communities in Africa.

SWAP’s board of directors remained supportive and committed offering their advice and counsel during regular held meetings and email or telephone conferences.

SWAP appreciates the ongoing support from the Ministry of Health at National and County level. SWAP has worked in close collaboration and has been recognized as one of the key stakeholders in the area of public health and research.

SWAP moved in 2013 to new offices to a more decent and secure area in Milimani Estate in Kisumu.

SWAP’s success and achievements would not have been possible without the support of the local leaders in the community. However, the true heroes are the Community Health Promoters, who walk from door to door to help community members adopt healthier lifestyles as well as purchase health and hygiene products. This has enabled SWAP to reduce morbidity and mortality in the hard to reach and underserved vulnerable communities, while providing an income generating activity for the Community Health Promoters.

We have been very proud to be associated with all who contributed to a successful year and hope that you will continue to support SWAP in the years to come. On behalf of SWAP best wishes for 2014.

ACKNOWLEDGEMENTS

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World Health Organization
Aquaya Institute
Foundation for Life
Rand Corporation
University of California
Impact Carbon
Liverpool School of Tropical Medicine
University of New England
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HENNET

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1 EXECUTIVE SUMMARY

The development of this annual report has been a team effort from all SWAP staff, specifically the management team members, who remained united and innovative managing complex programs with strict deadlines and targets and limited funding. The report provides an overview of SWAP's achievements and challenges and an insight into all the interventions and activities. The main activities during the entire year 2013 included:

- Jamii Centers operations with trained Community Health Promoters doing door to door sales and health promotion
- Training of Community Health Promoters and Community Leaders
- Marketing and sales of health products to partner organizations and community groups.
- Community outreach and exhibitions
- Sale to traders at Mumias Sub Distributors Center
- Activities at the SWAP model village
- Impact Carbon Surveys of households with ceramic filters
- MSWANC antenatal care study
- Emergency response
- Orphans and vulnerable children psychosocial support and scholarships
- Participation during World Water Day, World Malaria Day, Global Hand Washing Day and World Toilet Day
- Organization of the Kisumu World AIDS Day Marathon
- Networking and stakeholders meetings including HENNET activities

1.1 Background

The Kenyan Demographic and Health Survey held in 2008/2009 shows very high rates of infant and child mortality in Western Kenya.

In Nyanza Province and Western provinces 149 and 121 children in every 1000 live births die before the age of 5 years respectively. The area is also malaria endemic. Over 30% of the children under five are stunting, which is a sign of chronic malnutrition. Nyanza province has by far the highest HIV prevalence in Kenya - at almost 14%, compared to the national figure of 6.3%. In Nyanza Province 46% and in Western Province only 26% of the pregnant women deliver assisted by skilled providers in health facilities.

Safe Water and AIDS Project (SWAP), in collaboration with the Ministry of Health, and other stakeholders are facing the challenge of reversing these negative health indicators which negatively impact the development of the region. The strategy SWAP uses to implement is in line with the Kenya Essential Package for Health, specifically the community strategy, which is a mechanism through which households and communities take an active role in their own health and other health-related development issues.

SWAP is a registered NGO, founded in 2005 and operating in Western Kenya, with its headquarters in Kisumu. SWAP has an extensive distribution network of Community Health Promoters and HIV support group members who are engaged and trained to become Community Health Promoters, vending health and hygiene products and promoting health. They promote and sell these products to vulnerable communities in remote areas with limited access to health services.

SWAP further has a research wing undertaking various effectiveness studies, evaluating the health impact of its interventions. SWAP has a human resource base comprising of over 40 employees, including administrative staff, research, field, training officers and a competent management team. SWAP is governed by a loyal and committed board of directors with diversified membership. The Country Director serves as secretary of the Board.

1.2 Project Area

SWAP is currently operating in Nyanza Province and parts of Western province of Kenya. SWAP's Headquarters is in Kisumu, with 3 satellite offices in 3 counties of Nyanza province, and one provincial office for Western Province located in Kakamega town, serving 4 counties. However towards the end of the year the Western Province office had to reduce its staff and operate like a satellite office with only one field officer due to limited funding.

The satellite offices are in the following areas: Homa Bay, Siaya, and Nyando. Western province has now a satellite office in Kakamega. Three *Jamii* Centers are in Nyakwere, Rangwe and Ahero, the last one established within the SWAP model village. Two new centers were opened in Wagai and Yala. Rangwe closed towards the end of the year, because it was not feasible for one field officer to manage two offices (Homa Bay and Rangwe) and Rangwe was geographically distant and expensive to manage. Plans are in 2014 to change the Homa Bay, Awasi and Kakamega offices into *Jamii* Centers. A sub distribution center serving the traders is in Ekeru, Mumias in Western Province.

The table below shows the counties where SWAP has its operations:

County	SWAP activities	Administrative areas
Kisumu	Kisumu	Kisumu East, Kisumu West & Kisumu Central
	Nyando	Lower & upper Nyakach, Nyando
Siaya	Siaya	Ugenya, Alego, Usonga, Gem, Bondo and Yala.
Homa Bay	Homabay	Asego & Kanyada
	Rachuonyo	Rachuonyo East & West
Kakamega	Kakamega	Butere, Mumias, Kakamega East, South, North & Central
Vihiga	Kakamega	Vihiga, Khwisero, Sabatia Hamisi, Emuhaya,

1.3 SWAP's Implementation Strategy

SWAP's core activities are conducted by using already existing community structures through an approach that is all-inclusive, consultative, and collaborative. The interventions are conducted through Education through Listening (ETL) an innovative behavior change communication method based on motivational interviewing, stages of change and social learning theory that has shown to be effective in motivating groups and individuals to adopt positive health behaviors.

SWAP uses this ETL approach because it is a person centered way of communicating and giving feedback to promote behavior change. This technique encourages participatory dialogue that increases a person's inner motivation to change by exploring and helping them to resolve any mixed feelings, ambivalence, or suffering they may have about adopting a new positive behavior. The method recognizes that people are more likely to listen when they feel listened to. It can be used with an individual or with groups. SWAP uses ETL when interacting with the groups, during training, during emergency response and research activities, and recognizes that motivation to change is a personal choice.

SWAP has mobilized and recruited Community Health Promoter who promote health and become vendors of health and hygiene products and whose capacity has been built to promote hygiene and provide health education to groups and individuals in the community, specifically at the household level. The Community Health Promoters are drawn from HIV support groups, widow groups, community health workers; home based care groups; orphan support groups; as well as any other community self- help groups that show interest in SWAP's work. This strategy is in line with the Ministry of Health's community strategy, which acknowledges that the communities are at the foundation of affordable, equitable and effective health care. The Community Health Promoters sell products from door-to-door reaching each a minimum of 100 households with support from their local leaders, who are actively engaged to help mobilize communities to adopt positive health behaviors.

2 PROGRAM ACTIVITIES

SWAP's program activities are conducted through existing community structures. Communities take an active role in their own health and development.

2.1 Community Training Activities.

SWAP builds the capacity of community health promoters to enhance their developmental goals and sustainability. This enables the community health promoters to engage in the process of learning and adapting to change. SWAP has continued to conduct community trainings in various fields as a way of empowering and building the capacity of the target population in addressing public health and water related health issues and assisting them to generate income. The training offered to the community health promoters includes business trainings, safe water trainings, health and product promotion, education through Listening, primary health care, stock and record keeping. Focus after training is on follow up visits and on the site mentoring and education. SWAP has managed to establish and maintain effective partnerships by holding various training workshops for interested groups and organizations.

In 2013 SWAP facilitated trainings for CHW's in Yala and Wagai in the newly established Jamii Centers. Here SWAP used existing CHW's who have been replaced every three months in order to reach a wider geographical area. Three youth workshops were facilitated in Yala and Wagai by SWAP, PSI and the Ministry of Health. SWAP did a refresher training early in the year in Kakamega and trained newly recruited Community Health Workers in Ahero and Nyakwere. In the partnership with EAWAG and KWAHO SWAP trained 6 groups managing water kiosks on Safe Water, Social Marketing, Product Promotion, Education through Listening and business skills. SWAP held a business training, Safe Water and Social marketing training for Organic Health Response at Mfangano Island in Suba. SWAP trained groups in Rangala and Kakamega on business skills, product promotion and social marketing with support from Soroptimist International and Helma Nijssen. In collaboration with the research department 20 more Community Health Promoters were trained on social marketing and product promotion at the clinics and a training of the trainers regarding maternal and newborn survival was organized

2.1.1 Safe water trainings

SWT focuses on the three major components of Safe Water System Intervention namely; Water Treatment at the Household level, Safe Storage and Behavior Change which includes Hand Washing and hygiene promotion using the ETL Model. The field/project officers in their regular meetings with the groups organize for the trainings to community health promoters of SWAP products.

The training is for community health promoters who manage the *Jamii* Centers and who are prepared to sell the basket of goods from the centers and at the households in the community.

2.1.2 Business Skills Training

The Two Days Business Trainings are done to Community Health Promoters and Community groups that are vending the health and hygiene products. The Community Health Promoters are identified by our field officers after several visits. The objective is to equip them with the basic business skills so as to manage their businesses effectively. The trainings are done at community level and the group's contribution on this is to provide the venue.

2.1.3 Education through Listening - behavioral change Training

Education through Listening is a participatory, capacity building training for Community Health Promoters. The training was developed by Dr. Bobbie Person, a senior behavior scientist with international experience in operational research and programmatic field work. The goal of the training is to shift the traditional paradigm of didactic health education associated with scolding and punitive attitudes to one of behavioral theory-based social dialogue and affirmations of behavior change efforts and problem solving personal barriers to behavior change.

Education through Listening is built upon the practical application of behavioral and social theories to promote interpersonal behavior change communication. The training promotes an understanding of how and why people change a behavior and what gets in the way of them changing. Participants are coached to listen to what people are telling them and to identify their readiness to adopt a specific behaviors. The behavior change communication encounter and promotion messages are tailored to the person's readiness to adopt the behavior.

The participant learns how to engage in a person centered approach to support the person to change their own behavior by examining the barriers they face when attempting to change and allowing the person themselves to problem solve solutions and identify the type of support they need to change. The participant also learns to engage in a similar type of encounter at the community level with small groups. The value of listening, timeliness, and keeping one's word is highlighted.

2.1.4 Primary Health Care, Product and Health Promotion

The training is for community health promoters who manage the *Jamii* Centers and are prepared to sell the basket of goods from the centers and to the households in the community.

The training includes the 6 best practices to keep the family healthy; 1) Prevent Diarrhea, 2) Prevent Malaria, 3) Eat Nutritious Food, 4) Plan your family, 5) Immunize your children, 6) Prevent the spread of HIV and PMCT. The Community Health Promoters are taken through all SWAP products, demonstration of its use and the health benefits and receive some basics on drug dispensing.

2.1.5 Youth Workshops

SWAP in collaboration with PSI and the Ministry of Health facilitated Youth workshops on mostly HIV prevention, STI's, Condom promotion for young people in and out of school in Yala and Wagai. The table below shows the number of participants trained in 2013.

TRAININGS 2013

Type of Training	No. of Groups	No. of Participants		Total
		Male	Female	
4 days CHP's Training	4	23	124	147
2 Days Business/ETL	3	12	84	96
Leaders Orientation	1	25	6	31
Youth Workshop	3	57	47	104
2 Days SWAP staff (SBCC, ETL)	1	4	9	13
5 Days ETL/ KWAHO	2	42	40	82
Refresher, Kakamega	1	0	25	25
Ante natal (Nurses MSWANC)	1	4	16	20
Mswanc CHP's training	2	11	22	33
TOT's training – Baby Natally's	1	3	5	8
Totals		177	462	559

2.2 SWAP's Research Department

SWAP has since 2007 established a research department which has a pool of efficient researchers with technical support from CDC Atlanta and local experience in conducting baselines, surveillance and feasibility studies, collecting both quantitative and qualitative data to evaluate the health and economic impact of some of SWAP's interventions and its distribution model. The research findings keep SWAP informed and the findings are also shared with the community leaders and on National and International forums and published in International Journals. All SWAP's published papers are attached in appendix III and can be downloaded on our website www.swapkenya.org:

In 2013 SWAP won the “Saving Lives at Birth” award for the MSWANC study, a collaboration between Rand Corporation, University of California, CDC and SWAP. SWAP further participated in some surveys for IMPACT Carbon with whom we had signed an MOU to claim carbon credits for each ceramic filter sold.

MSWANC Study – Mobile Phone Safe Water and Antenatal Care Study

- 10 clinics in intervention in Nyakach and Muhoroni districts and 10 clinics in comparison site North Rachuonyo and South Rachuonyo selected.
- Visiting PI's came from University of California (Berkeley and Rand) as well as Rob Quick, Ben Nygren and Maureen Kelly (Facilitator for the Nurses Training) from CDC Atlanta
- Inventory data collection of clinics was done by research team
- A TOT for Nurses was done by Maureen Kelly and refresher done later in the year
- Nurses trained on Patient Care, Helping baby to Breathe, Helping Mother to Survive ETL, SMS Frontline, Cohort Procedures
- Focus Group Discussions was done with Nurses
- Focus Group Discussions was done with Women in Intervention sites
- Community Health Promoters were trained on MSWANC, SWAP, ETL, Safe Water, Business Skills and SWAP products.
- Enumerators Recruitment and training was done
- Baseline Survey was done in September and October
- Procurement and Distribution of items for the 10 intervention clinics (Solar lights, Ambu-bags, Stethoscopes, Blood pressure machines, Delivery kits and Leso's and SWAP products)
- Procurement and Distribution of items for the CHP's Bags and Posters.
- Vouchers of Kshs 100 introduced to the mothers to be given at each clinic visit for which they buy SWAP products.
- Promotion of installment payment for ceramic filters
- Pregnant mothers receive key health messages through mobile phone.
- Nurses send clinic data by use of phone
- Launch of MSWANC was held at Muhoroni and Nyakach

IMPACT CARBON

- MOU with SWAP for carbon credit claims for each ceramic filter sold.
- Training of Enumerators and design of questionnaire
- Household survey of random sample of households who received cera maji filters
- Auditors from IMPACT Carbon came to verify data
- 2012 carbon credit claims released
- Survey showed few households boil water
- Survey findings reduced carbon credits per filter
- 2013 Impact Carbon will be final year for issuing carbon credits
- Auditors will verify 2013 data in February and issue payment for 2013.

WATER LAB

SWAP has a water laboratory where quality assurance of research samples is done. It has been used for six years for several studies for sample quality assurance, sample coding, training other staff members, student trainings and sample storage. The SWAP Laboratory can be used to analyze approximate 60-70 samples in a day. The technology used in the lab is IDEXX quantity tray method using colilert reagents and membrane filtration method technology (*coli*-blue broth).

Colilert Reagent is used for the simultaneous detection and confirmation of total *coliforms* and *E. coli* in water. Colilert utilizes nutrient indicators that produce color and/or fluorescence when metabolized by total *coliforms* and *E. coli*. When the reagent is added to the sample and incubated, it can detect these bacteria at 1 CFU/100ml within 24 hours with as many as 2 million heterotrophic bacteria/100ml present. The presence/absence test is used for drinking water samples and the quanti-tray enumeration procedures are used for raw water samples.

The following tests can be conducted at SWAP lab: testing for total *coliform*, *E-coli*, turbidity of water, salinity, water conductivity, chlorine test, total chlorine test and free chlorine.

SWAP opens the lab for partner organizations and individuals who wish to test their water. Testing is also done of the water at the sky hydrant filter in Ahero to monitor its quality.

2.3 Emergency support

The emergency fund was provided by Harber Charitable Foundation during the post election violence to help mitigate the impact and prevent disease outbreaks. Since then this fund is paid in installments and has been utilized to support all kind of emergency cases.

SWAP has been able to respond to emergencies in collaboration with the Ministry of Health and other partners like the Red Cross and similar NGO's in the affected areas. Every year community members are affected due to extreme weather conditions, especially flooding and SWAP visits the affected areas and provides water treatment, soap and other needed supplies.

Other emergency cases have been widow support (helping start up businesses and rebuilding their houses), Orphans and Vulnerable Children support (basic requirements, school fee balances, medical support), and hospital and funeral contributions of individual desperate cases. SWAP has in most cases tried to cost share with the community and in the case of rebuilding or repairing houses, the community members provide labor and materials. The cases are referred for support by SWAP's field staff and the Community Health Promoters, when they come across desperate cases during household visits. Some support is also given during bereavement and theft of SWAP employees.

Details	1 st quarter	2 nd quarter	3 rd quarter	4 th quarter
Orphan Support, school fees & requirements	32 orphans	10 orphans	14 orphans	4 orphans
Widow Support Rebuilding Houses	Household goods after burnT house in Kisumu Slums + 1 with building materials	2 houses built in Rachuonyo and 2 Siaya, 3 in Asembo	1 house in Kajulu + one burned house	1 house in Kisumu,
Robbery/ theft	1 employee robbed	1 employee robbed twice	1 employee robbed	1 employee robbed

Funeral Support	Burial of SWAP transport coordinator, one staff's mother & one vendor's mother	Three cases supported, mother and fathers of employees	1 father of employee	
Flood response		donations of water treatment, soaps, mosquito nets, repellent Kisumu County		
Medical Support		Medical Bill for Operation of Widow. Bought drugs to a widow with skin infection.	Patient in ICU after road accident + sickle cell patient	Needy lady medical support
Widow Support Business Start up		One Widow from Rangwe	Widow from Tumaini Support Group	Vendor Kisumu
Desperate family	Supported malnourished children with food and clothing		Support for epileptic case	Rebuilt a house for a desperate family in Kajulu.
Other Support	Provided materials to old women in Rachuonyo for building slabs for water tanks	Donations of food to rescue team during rescue mission at collapsed building + IEC materials for Polio Campaign	Westgate Terrorist Attack Contribution + Food for Special Unit in Kakamega	Health products donated to widows taking care of orphans Rachuonyo

Sponsorship orphans and vulnerable children

A number of children as above have been partially supported by the Harber Charitable Foundation emergency fund, but some have other donors fully supporting them. SWAP's community support officer scrutinizes each case and monitors the progress and provides psychosocial support for each orphan. Most children are supported with school fees and school requirements like uniforms, school shoes, text books and some basic items like toilet tissue, sanitary towels, soaps etc.

In 2013 SWAP continued to support the following orphans with full scholarships:

Nivah Nafula – Mukumu Girls class 7, now in 2014 promoting to class 8 – Mother shot during previous post election violence and is supported by Rotary Relief Fund. She is prefect of her class and received also some family support. The Rotary fund is finished to support her but SWAP has found a new donor “Foundation Wijjocha” who will pay for her school fees and shopping from 2014 onwards.

Children of HIV positive widows selected from Aluor Widows in Gem, who are financially supported by Gabriele Norado, from US.

Name: Jemima Atieno School' Rangala Girls Secondary, Form 3

Name: Judith Atieno St Stephens Aluor Mixed Secondary – Form 1

In 2012 3 orphans were supported by Foundation 4Life.

Name; Evans Omondi Otieno – Kenyatta University – Electrical Manufacturing – Year 2

Name: Evans Ochieng – Kisumu Polytechnic, undergoing a Craft Certificate in Human Resource Management.

Maurine Ogal, the third orphan supported by Foundation 4 Life managed to get employment in Nairobi and now financially stable and self reliant.

Harber Charitable Foundation continued to support two special cases. The children (brother and sister) were found in a juvenile home after the father had defiled the girl and was taken to prison. The girls medical condition was poor and required specialized treatment as well as psycho social support. SWAP together with Child Link was able to take the children to a temporary shelter and provided medical care as well as home visits to the grandmother. Sheila is in Migingo Girls Secondary School in form 2 while Armstrong is in Otieno Oyoo High School in Form 2. There is great improvement.

SWAP during the illness and after the death of the transport coordinator Nicholas Owino was able to fund raise and seek financial support for the education of the children left behind. Three daughters have been supported in class 5 of Chrisco Academy in Nakuru, Final Class in Mini Nursery School and Final Class in St Joseph Nursery School.

The Community Support Officer attended this year a Forum on Regional Psychological Support in Nairobi and Co facilitated during an Orphans and Vulnerable Children Workshop in Awasi organized by a Dutch Organization “Groot-Klein”.

3 COMMEMORATION OF INTERNATIONAL DAYS

3.1 World AIDS Day/ World AIDS Marathon



Safe Water and AIDS Project has, for the eighth year, been involved in the World AIDS Marathon organization. Harber Charitable Foundation has been a loyal donor, financially supporting the World AIDS Day Marathon held on 1st December (World AIDS Day) in Kisumu, while Richard Brodsky from New York, an HIV positive and brain cancer survivor who runs with his wife the full marathon, donates every year prize money for the runners, T-shirts, bibs, certificates and organizes orphan dinners prior to the event.

By now local residents and businesses in Kisumu know SWAP well, particularly in the early morning hours of World AIDS Day, when all the runners wearing SWAP signature yellow T-shirts gather in Jomo Kenyatta Sports Grounds.

Each year's event results in an increase in registered runners and walkers who literally travel from all over the world and from all walks of life (professional runners, scientists, people living with HIV, young and old, commercial sex workers, gay community, disabled, Kenyan and Ugandan Athletes) to be part of the day. With this growth there is also expanded HIV awareness within the local community and media.

The most important news, though, is that the World AIDS Marathon in Kisumu is playing an important role in helping to break down the barriers of stigma associated with HIV. Participants and volunteers alike want people to know that no matter what a person's HIV status, we can come together to support and encourage each other to live healthier lives.

The celebrations were held at the Jomo Kenyatta Sports ground which was also the start and finish of the marathon and the finish of the children's walk.

During the celebrations, a number of activities took place, and they included the following:

- Full Marathon – 42 kilometers - 40 runners
- Half Marathon – 21 kilometers – 258 runners
- Disabled – 22 participants
- Relays -75 participants or 15 teams.
- 5 kilometer walk for HIV positive children and other vulnerable children (500 children)
- Two orphan dinners organized by Richard Brodsky
- Treatment of Sexually Transmitted Infections;
- Male Circumcisions
- Condom demonstrations and free distributions;
- Exhibitions (by government departments/parastatals, and CSO);
- Entertainments
- First aid- coordinated by the Kenyan Red Cross

The full and half marathon were flagged off at 7.00 am. Along the route, there were water stations at distances of every kilometer where runners were served with safe drinking water by volunteers drawn from community self-help groups. Members of these groups had undergone training on safe water systems and first aid and were actively involved in promoting safe water to the public as well. Various organizations and partners supported the event by providing first aid, vehicles, food and snacks for the children, banners, T-shirts and registration of the runners. Along the route traffic police helped control the traffic. In total, SWAP engaged around 500 volunteers helping with first aid, traffic control, water distribution, registration, time keeping and other activities.

3.2 World Water Day

The day was celebrated at Akado Youth Polytechnic on 24th April 2013. The theme for this year was "Water Cooperation. SWAP attended the event with representatives from the Lake Victoria South Water Service Board and Water Resource Management Authority and donated 10 boxes of PUR which were donated to the community participants attending the event.

3.3 International Malaria Day

The World Malaria Day was celebrated in Kisumu at Otieno Oyoo on 25th April 2013. The theme for the year was “invest in the future, defeat malaria”. SWAP attended together with the Ministry of Health representatives and other stakeholders.

3.4 Global Hand Washing Day

Global Hand-washing day is commemorated yearly on the 15th October. Because of its relevance to our vision, SWAP marked the day through provision of support to our field Officers in various satellite offices, e.g. Homa Bay and Siaya. In Kisumu SWAP celebrated this event at the Haven Mennonite Primary School in Kajulu. Over 200 children participated in hand washing demonstrations. Each field officer collaborated with the Ministry of Health and other health stakeholders to plan and participate in the activity. SWAP donated hand washing kits, antiseptic hand washing soap and water treatment products to support the occasion.

3.5 World Toilet Day

SWAP field staff in collaboration with the Ministry of Health and other stakeholders supported and participated in the World Toilet Day held on the 19th November 2012 in Kisumu at Kisian Primary School. Field staff from Siaya and Nyakach also participated in this event.

4 INCREASING COMMUNITY ACCESS TO HEALTH PRODUCTS: “SWAP Basket of Goods”

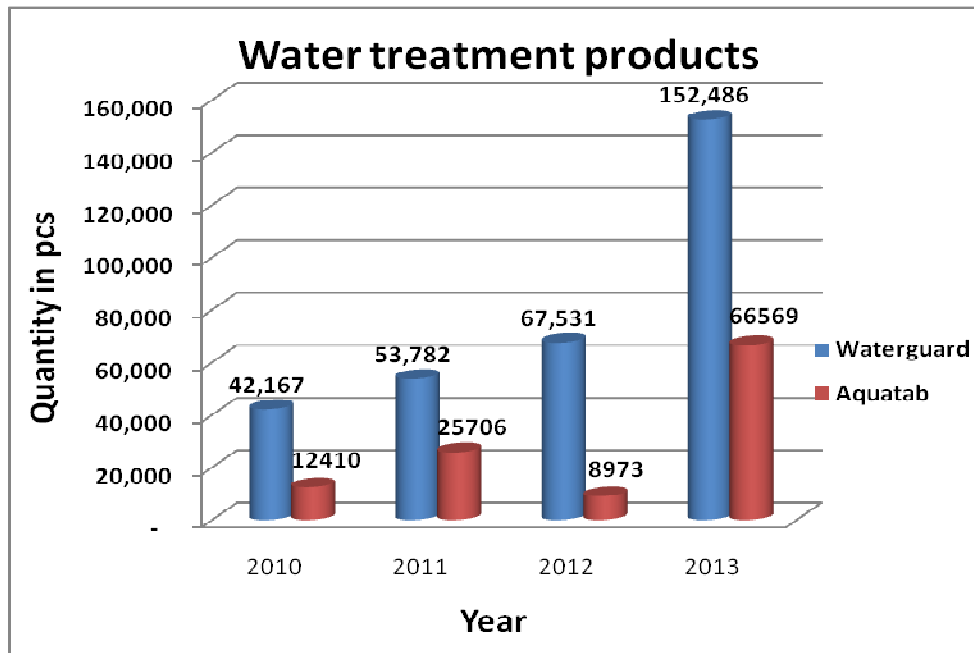
In an attempt to improve health and hygiene at the community level, SWAP, through the Field Officers, works closely with selected community health promoters to sell health products (commonly referred to as “the Basket of Goods”) at affordable prices. In this partnership, the community health promoters realize double benefits: improved health resulting from the use of the health products on the one hand and income generated from the sale of the same products on the other. Due to limited donor funds and cash flow problems SWAP occasionally was out of stock of some of the products. Some products were slow moving and were phased out; e.g. spirulina and solar lamps. Mosqbar was no longer available and was replaced with mosquito repellent. The basic drugs which were put on trial were also not profitable and will not be ordered again after the stock is finished. A new product introduced by African Trust was the I Care Pad, a reusable sanitary pad. The fastest moving products are Waterguard, rectangular mosquito nets, Ushindi Hand Washing Soap, Lido Bar Soap, Ariel, Pampers and Toilet Tissue.

4.1 Water Treatment Products

SWAP is promoting water treatment at the household level and is encouraging equity of access to point of use water treatment products through social marketing and entrepreneurship. The main treatment products promoted by SWAP are Waterguard, Pur, Aquatab and ceramic filters. SWAP is country wide number one in sales of waterguard with an average of 13,000 bottles sold monthly.

SWAP through collaboration with IMPACT Carbon was able to claim carbon credits for each filter sold. SWAP sold an average of 150 ceramic filters monthly in 2013.

The chart below shows trends and uptake, per year, of waterguard and aquatab sales.



4.2 Hand Washing Hygiene Products

Good hand-washing is the first line of defense against the spread of many illnesses. Keeping hands clean through improved hand hygiene is one of the most important steps we can take to avoid getting sick and spreading germs to others.

SWAP, through its community health promoters, promotes proper hand washing with soap, through door-to-door health education, demonstration and vending of antiseptic soap, bar soaps, detergent among other health products.

Ariel detergent was sold both by the Community Health Promoters as well as by the Sales Representatives selling to traders in Mumias area.

SWAP demonstrated hand washing and donated soaps during Global Hand Washing Day.

4.3 Safe Water Storage Products

Even if the quality of our water sources were improved today, it would still be essential that households enhance storage and handling of water to benefit the health of the community. HWT interventions lead to improvements in drinking water quality and reduction in diarrheal diseases. Safe storage enhances prevention of possible re-contamination. Our key interventions to prevent re-contamination of water at the household level include provision of modified clay pots (with a tap, narrow mouth and lid) and plastic water vessels (with lid and a plastic tap). The ceramic filter here has a triple function; the filter inactivates the bacteria, clears turbid water and the container stores water in a safe manner. The plastic containers have been mostly used by schools, clinics and for commercial use. The modified clay pots remained popular, but fragile and prices of the taps increased and with few skilled manufacturers mass production has been impossible.

4.4 Malaria Prevention Products

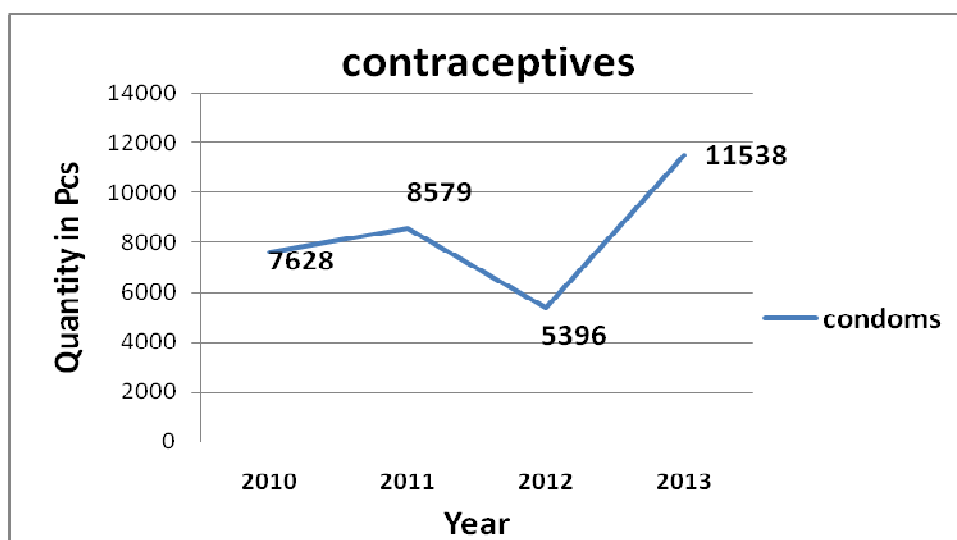
Insecticide treated bed nets (ITNs) and Mosquito repellent are widely promoted by SWAP through their community health promoters as a means of preventing malaria.

The supply for subsidized nets is limited and therefore we faced frequent stock outs despite overwhelming demand. Towards the end of 2012 mosquito soap was out of stock and will no longer be supplied due to lack of ingredients. SWAP searched for alternative option of mosquito repellent to replace the mosquito soap, but it has been less effective and popular and not moving very fast.

With the community health workers in Yala and Wagai, SWAP has focused also on sessions to educate on proper use and demonstrations of net hanging.

4.5 Contraceptives

SWAP appreciates the fact that increased family planning interventions can reduce the number of unplanned births and pregnancies, hence lower rates of child neglect and abortions. SWAP promotes Femiplan (family planning pills) and condoms (for family planning and as an intervention for HIV/AIDS and STI prevention). A summary of the distribution of contraceptives is as indicated in the chart below, with Trust condom being the most preferred method of birth control. Prices of condoms have been fluctuating and after all prices increased due to VAT16% charge the demand for products reduced (not affordable) including condoms, which is a very worrying trend.

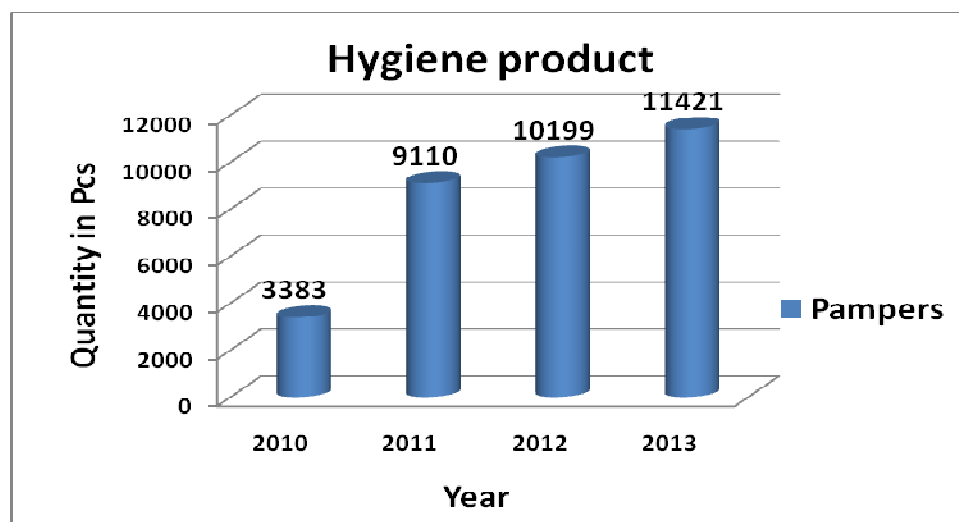


4.6 Nutrition Products

The nutrition products being promoted by SWAP are; fortified flour for children and adults and Moringa powder 25 & 50gm. SWAP will in 2014 introduce Mix Me, which is a similar product like Sprinkles. SWAP has completed three years of research on sprinkles and has shown its very positive health impact on children below 18 months.

4.7 Hygiene Products

SWAP, through its partnership with Procter and Gamble, has been selling sanitary pads and diapers through the community health promoters at the *Jamii* centers in Ahero, Nyakwere and Rangwe, Yala and Wagai and from the satellite offices in Homa Bay, Siaya, Awasi and Kakamega. More sales were realized of all Procter and Gamble Products through the sub distributor's center in Ekeru, Mumias



4.8 Other SWAP products

Other than the products indicated above, SWAP has other household health products. For more information on all the products in the basket and their sales trends refer to appendix I.

5 SWAP MODEL VILLAGE, JAMII CENTERS AND SUB DISTRIBUTION CENTER.

SWAP, with technical & financial support from Procter and Gamble, had established 3 Jamii Centers in Ahero, Nyakwere and Rangwe and 1 Sub-Distribution Center in Ekeru, Mumias. In 2013 SWAP closed Rangwe due to limited funding, long distance and transport challenges and due to the fact that it became impossible for one field officer to manage both Rangwe and Homa Bay. However, with Aphia Plus HCM funding through PSI SWAP was able open two new centers in Wagai and Yala. The centers engage trained community health promoters who sell from the centers and from door to door. Each Community Health Promoter is given at least 100 households and sales targets. On weekly basis they meet at the center, share experience, reconcile their sales and receive mentoring from the field officers. The sales target for the group of Community Health Promoters is to collectively attain the 100,000/= sales per month. The Sub Distribution Centers promote and sells Procter and Gamble products to traders in the area.

5.1 Swap model village

The SWAP model village in Ahero, remained a well visited and utilized demonstration village, where community members have access to health education and products, safe water and a venue for meetings and trainings. The village has received many visitors from all over the world.

The sky hydrant filter continues to offer filtered water drawn from the river Nyando, which has very contaminated and turbid water. Water is sold to the community members around after which they can dose the water with chlorine from the chlorine dispenser. SWAP conducts testing of water for quality control on a regular basis.

The kitchen with improved cook stove is utilized for demonstration as well as for cooking during meetings and trainings. One of the new developments and improvements made was the establishment of a community library and the landscaping done at the village. The training center is frequently used by other partners as well including the Ministry of Health.

5.2 Jamii Centers

Sales at the Ahero Center within the SWAP model village have continued to grow and are more than double the target. A total of 13 Community Health Promoters received refresher trainings on business skills and ETL in 2013. Two of the most senior and experienced Community Health Promoters act as managers of the center. In 2013 the biggest challenge was road construction and flooding, which made the centers sometimes inaccessible.

Nyakwere has one committed senior community health promoter who is the manager, and new community health promoters were recruited and trained on business skills and ETL. The center opens for business 3 days a week, while other days sales are done from door to door in the community. Nyakwere CHP's had accrued some debts and throughout the year have been attending weekly meetings and repaying, while those with debts were blacklisted to receive products on credit until their debts were cleared. Nyakwere has not been able to reach the sales target of Kshs 100,000 per month. SWAP closed the center at the end of year stock take for security reasons, but will revive this center with new training and recruitment in 2014.

Rangwe office was closed on 13th September 2013. The Community Health Promoters cleared all outstanding debts and the products were transferred to the Homa Bay field office. Rangwe has been performing well and sales targets were met. Plans are to turn Homa Bay (or any near location) into a Jamii Center in 2014 with USAID /DIV funding.

In May 2013 the first center with Aphia Plus HCM funding was found and CHW's were recruited. SWAP hired a new project officer to manage this center. A second project officer was hired for Yala. A different model was used by recruiting approximately 40 Community Health Workers, train them and engage them for a period of three months after which they are paid a stipend. After three months a new group of CHW is recruited so that SWAP covers a wider area and reaches a wider geographical area. Focus in the two centers is on behavioral change communication on malaria, HIV and diarrhea prevention. The Community Health workers do household visits and small group sessions. PSI has been actively involved with technical support and monitoring visits.

Yala Jamii Center was established with Aphia Plus HCM funding in August 2013. A similar approach was used as in Wagai. Both centers by the end of the year have been able to meet their sales targets.

5.3 Sub distribution center Ekeru, Mumias

The Sub-D business has exhibited exceptional potential. With a depot at Ekeru near Mumias town and 3 distribution staff, the business deals mainly with distribution of P&G products to traders around the area.

Main challenge during the year was lack of capital to ensure continuous stock of products and entry into the market of low priced similar products. SWAP also had to review its debt management, with some traders taking advantage and accumulating debts and delaying in payments, which affected our ability to purchase more products due to cash flow problems. Sales improved drastically on days when the vehicle was allocated to Mumias, but with only three vehicles for the entire program this has not been possible. The area of coverage was extended from Mumias to Butere and to Sidindi. The target of Kshs 3,5 million sales monthly has only been reached one month out of the entire year. However SWAP hopes to have less cash flow problems with new funding in 2014, which will make SWAP less donor dependant with increased revenue from sales for SWAP's operations.

6 INSTITUTIONAL CAPACITY

SWAP participated in a second organizational assessment exercise facilitated by the Fanikisha Institutional Strengthening Project and Omega Foundation. This was a requirement to be prequalified for funding through Omega Foundation. Despite SWAP not receiving the funding, the exercise was helpful to understand the strength and weaknesses and areas which needed improvement. Fanikisha noted a major improvement in SWAP's systems in comparison to the previous assessment, for example the development of the governance manual and the regular review and orientation of staff on policies.

SWAP participated in another organizational assessment in preparation for the HCM Plus funding a sub award through Population Services International. Throughout 2013 SWAP received technical support from Population Services International to help SWAP improve its systems. The technical support was on programmatic issues, monitoring and evaluation and finance. The finance department received internal audits and worked on recommendations given.

Towards the end of the year PSI auditors did a review of SWAP's systems and internal control and provided recommendations for improvements.

SWAP employees were trained by Red R UK on election preparedness and safety for two days. This was prior to the elections in February 2013.

All SWAP field staffs were trained on social behavioral change and Education for Listening for two days.

HENNET continued to play a major role in capacity building of various staff members. Meetings were organized to update the members on health and devolution, advocacy, immunizations and other health related topics. Most meetings were held in Nairobi and two county chapters were established in Kisumu and Homa Bay.

SWAP provided leave and / or financial support to the following employees for work related courses trainings:

Name of the Employee	Position	Course/Training attended
Jackie Odak	Program Manager	HENNET training on Health and Devolution – Nairobi
Alie Eleveld	Country Director	Safe Global Water Summit Arusha – Tanzania
George Odhiambo	Training Co-ordinator	Health, Security and Improvement for Slum Dwellers Kisumu
Alie Eleveld, Jackie Odak, Salome Aoko, George Odhiambo	Country Director, Program Manager, Deputy Program Manager, Training Coordinator	PSI Start up Workshop Nairobi
Maryline Okuto and Fred Koga	Sales and Marketing Officer and Project Officer M Pot Study	Two days workshop on Community Strategy.
Juliet Ndolo and Jackie Odak	Finance Manager and Program Manager	USG financial regulations and reporting in Nairobi
Sitnah Faith	Supervisor Research	Advocacy and Immunization in Nairobi
Alie Eleveld	Country Director	Kisumu Water Conference
Alie Eleveld	Country Director	Strategic Mapping training in Washington DC
Alie Eleveld	Country Director	Water Workshop in Benin
Jackie Odak & Penina Ogendero	Program Manager and M and E Coordinator	Strategic Planning and Review of Work Plans, Naivasha
Jane Pauline Oloo & Martha Atieno	Community Support Officer and Field Officer Awasi	Orphans and Vulnerable Children Workshop in Awasi
Jane Pauline Oloo	Community Support Officer	Regional Psychological Support Forum at KICC Nairobi
Elijah Ponge	Field Officer Homa Bay	HENNET Kenya Health Policy Forum Nairobi
Maryline Okuto	Sales and Marketing Officer	HENNET GAVI workshop on child health and immunization in Nairobi
Alie Eleveld	Country Director	HENNET Stakeholders Forum on Child

		Health and Immunization Nairobi
Edith Alu	Field Manager Kakamega	Stakeholders Forum Kakamega
Edith Alu	Field Manager Kakamega	HENNET Health Systems Funding Platform Nairobi
Jane Pauline Oloo	Community Support Officer	Degree in Community Health
Jared Oremo, Elvis Omondi, Juliet Ndolo, Jackie Odak	Research Coordinator, Accountant, Finance Manager and Program Manager	Financial management and budgeting.
Ibrahim Oiro	Admin Assistant	Bachelors in Commerce
Elizabeth Okello	Project Officer Wagai	Diploma in Community Health
Sitnah Faith	Supervisor Research	Kisumu County and NGO Forum

6.1 Governance

SWAP is governed by a committed Board of Directors with diversified skills. The board is guided by a Governance manual which has been reviewed and edited in the year 2013. The board met three times in 2013 and held its Annual General Meeting in December.

In 2013 one of the Board members resigned, Beattah Siganga, due to relocation of work and family to Nairobi. This position has remained vacant throughout the year.

The board members are as follows:

- 1) Dan Schmelzer – Chairperson
- 2) John Ndege – Treasurer
- 3) Alie Eleveld – Secretary
- 4) Rob Quick – Member
- 5) Alex Mwaki – Member
- 6) Beryl Audi – Member
- 7) Nathalie Houben – Member

The Management Team consists of SWAP employees who are heading various departments. They formally meet once per month, but avail themselves for consultations on daily basis. The country director serves as the link between the management team and the board. The management team is guided by a terms of reference. The management team reviewed in 2013 all existing policies and shared these with the board for approval. In 2013 the Study Coordinator resigned and was replaced by Jared Oremo, who was promoted to take charge of the research team in an acting position. Towards the end of 2013 the position of Program Manager fell vacant and an advert was circulated to replace the same.

The management members are:

- 1) Alie Eleveld – Country Director
- 2) Abigael Otengo – HR and Admin Manager
- 3) Juliet Ndolo – Finance Manager
- 4) Jackie Odak – Program Manager

- 5) Penina Ogendo – M and E officer
- 6) George Odhiambo – Training Coordinator
- 7) Jared Oremo– Acting Study Coordinator

6.2 Administration & Human Resource

The administration is comprised of the front office, the human resource, procurement, stores, transport and the maintenance staffs. Following is a summary of the main activities carried out by the department during the year. Appraisals were conducted of all staff in February 2013. SWAP reviewed towards the end of 2013 all manuals and they were approved by the Board of Directors.

6.3 Recruitment 2012

SWAP allows the recruitment of new staff to be done after identifying the need for a certain position, assessing the financial situation and agreeing on the terms of payment before posting and making the position description for advertisement. Adverts are circulated internally and through the HENNET network. In 2013 a number of people resigned or were terminated due to various reasons. We experienced the sad loss due to the death of our transport coordinator.

NO	NAME OF EMPLOYEE	Title/Position
1	Iphrahim Sadumah	Study Coordinator
2	Steve Kola	Study Supervisor
3	Edith Alu	Field Manager
4	Grace Obudo	Training Officer
5	Ursula Adukha	Office Assistant- Kakamega
6	Jackie Odak	Program Director
7	Salome Aoko	Deputy Program Director
8	Joshua Opande	Supervisor
9	Barrack Owiti	Field Officer Siaya
10	Nicholas Owino	Transport Coordinator

Jared Oremo, Lab Manager was promoted to Study Manager after the resignation of Ibrahim Sadumah. John Ochieng, driver, was promoted to Transport Coordinator. SWAP closed the Satellite office in Siaya. SWAP towards the closure of 2013 advertised 6 new positions as follows:

- 1) M and E specialist
- 2) Program Director
- 3) Project Coordinator
- 4) Deputy Project Coordinator
- 5) Field Supervisor
- 6) Project Officer.

All the above positions will be filled by latest March 2014.

In 2013 we recruited the following new employees.

No	Name of employee	Title/Position
1	Evans Samo	Project Officer Yala
2	Elizabeth Akello	Project Officer Wagai
3	Risper Achieng Atieno	Field Officer Research
4	John Okumu	Internal Auditor / Financial Analyst
5	Asha Awonda	Guard

The research team further recruited enumerators and hired qualitative researchers for the Impact Carbon survey and the MSWANC study. SWAP hired a casual to assist with data entry.

SWAP further had an intern in Kisumu and Homa Bay. SWAP had two students from Macalester College and University of Illinois for 3 months. And some students came for an exchange visit from the University of New England. SWAP had by the end of 2013 a total of 36 staff members on the payroll.

6.4 Procurements

During the year, SWAP continued to procure health products and services from various suppliers. SWAP received credit facility from Populations Services International with one month grace period. With HASBAH SWAP acquired a sub distributor's status with 7% discount, 14 days grace period and regular bonuses for Procter and Gamble Products. Consequently, SWAP has maintained most of its contracts with the previous suppliers. Procurement was done for furniture and computers for the two new Jamii Centers in Yala and Wagai. One computer was procured for the Community Support Officer for Kisumu. SWAP also procured various items when shifting to a new premise. Renewal of medical scheme was done for selected staff members who were donor funded. All risk and asset insurance was renewed after the asset register was updated and all items tagged. Vehicle Comprehensive insurance was also renewed. SWAP disposed off some old items after shifting to the new building. SWAP also procured various items for the MSWANC study. New software was procured Tally ERP which is utilized by Accounts and Stores.

6.5 Staff Welfare

This has been in place to support employees whenever there is need like the birth of babies, during funerals and other emergencies. During the year 2013 funds were collected by staff members and provided to support the following events:

- Funeral of Nicholas Owino, Transport Coordinator
- Funeral father of Study Supervisor
- Funeral father of Admin Officer
- Funeral mother of Study Coordinator
- Funeral mother of HR Manager
- Birth of baby of HR Manager
- Birth of baby of Office Assistant
- Birth of baby of Transport Coordinator

Members have subscribed to the SACCO membership on voluntary basis and are deduced from their salaries on monthly basis.

Other employees were supported by the HCF emergency fund with medical support and after theft and robbery of their household items.

6.6 Transport and logistics

SWAP has a relatively small fleet consisting of three vehicles and four motorbikes. Given the geographical expansiveness of the area of coverage, this fleet is hardly sufficient for SWAP's operations. It therefore supplements this through external sourcing whenever there is need, especially for research activities. Additionally new measures have been put in place in an attempt to improve operations of the transport department. All vehicles were installed with car tracking gadgets. The transport manual was reviewed in 2013 with input from all drivers.

6.7 Stores Department

The stores department is managed by a stores officer and a stores assistant. All procurement of stock is centralized from the Kisumu Headquarters after which this is distributed to all satellite offices and *Jamii* Centers, throughout the month. In 2013 there was introduction of one new product in the SWAP basket; e.g. the I Care reusable pads.

SWAP will phase out on some of the basic drugs, plaster and ORS since they are slow moving. For stock management SWAP has been using Tally ERP. Quarterly stock taking has been ongoing as well as spot checks. The store is managed by the stores officer with an assistant.

This year due to limited donor funds and cash flow problems, SWAP phased regular stock outs of some of the products.

6.8 Sales and Marketing

During the year 2013 SWAP had a drastic increase in sales of products and revenue from the same, despite the cash flow problems and at times stock outs. Reasons for this were due to the fact that SWAP was relying more on revenue from sales for operations due to lack of major donors in 2013. What further increased the sales was the commercializing of SWAP's distribution model with technical support from Procter and Gamble by reviewing prices, operations at the Mumias Sub D Center and by increasing the number of community health promoters at each centre. SWAP strengthened its current effective partnership with various organizations, Ministry of Health and other GOK departments and through various forums like workshops and exhibitions we were able to market our products. SWAP with the sales has been targeting various organizations like CARE, World Vision, CDC, US Peace Corps, KWAHO among others. SWAP became number one in the entire country with its Wateguard sales. Towards the end of 2013 some employees were paid on commission and this kind of motivated them further to sell as much as possible.

6.9 Financial Management

SWAP has an established Finance Department that caters for all its financial needs as pertains to internal controls, financial reporting (according to GAAP -Generally Accepted Accounting Principles), and compliance with statutory requirements. This ensures effective utilization of the organization's resources by employees. The finance Manager is assisted by a senior accountant who doubles up doing the finances for both research and implementation. A data clerk is hired on casual basis to help with data entry. In 2013 SWAP was joined by John Okumu who previously worked as an accountant but now joined as Financial Analyst for the Menstrual Study as well as Internal Auditor. His work helped improve systems and close some of the loopholes. He reports monthly to the management team on his findings and participates in a lot of mentoring and on the job training of staff. The accounts department used Tally ERP as accounting software. SWAP is subjected to annual external audit by Erastus and Company and towards the end of the year SWAP had an internal audit from PSI looking at our systems and policies and providing recommendations.

Compared to the previous years, in 2011, SWAP realized a significant reduction in its revenues from grants. Total SWAP revenues in 2012 from grants amounted to Ksh. 42,972,973 comparing to Kshs 29,389,822 in 2013. However, sales revenue increased and enabled SWAP to pay for most of its operations and supplement the funding gap. It clearly proved that SWAP has become less donor dependant and is on the road to sustainability. SWAP received some private donations as well especially contributing towards the Kisumu World AIDS Marathon. These private donations are not listed below.

Month	Donor	Details	Implementation	Research
Jan 2013	Harber Charitable Foundation	Election Preparedness training	250,000	
Jan 2013	Harber Charitable Foundation	Sheila & Armstrong Orphan Support	275,000	
Feb 2013	Well wishers	Nicholas Owino's family	76,006	
March 2013	Public Health Institute	Cook Stove Study		390,350
April 2013	Well wishers	Nicholas Owino's family	32,578	
April 2013	Liverpool School of Tropical Medicine	Menstrual Study		761,450
April 2013	Harber Charitable Foundation	Emergency Fund	2,000,000	
May 2013	Aphia Plus HCM - PSI	Jamii Centers Wagai & Yala	2,348,157	
May 2013	Public Health Institute	Cook Stove Study		785,926
June 2013	Aphia Plus HCM - PSI	Jamii Centers Wagai & Yala	223,230	
July 2013	Aphia Plus HCM - PSI	Jamii Centers Wagai & Yala	1,612,438	
July 2013	Rand Corporation	Antenatal Care Study		6,069,000
July 2013	Impact Carbon	Carbon Credit	160,840	
August 2013	Liverpool School of Tropical Medicine	Menstrual Study		1,113,630
August 2013	Public Health Institute	Cook Stove Study		1,629,940
July 2013	Aphia Plus HCM - PSI	Jamii Centers Wagai & Yala	802,813	
Sept 2013	Harber Charitable Foundation	Computer & Printer	104,000	
Sept 2013	KWAHO	Training	30,000	
Oct 2013	Foundation 4 Life	OVC Scholarship	48,900	
Oct 2013	Rand Corporation	Antenatal Care Study		2,142,500
Oct 2013	Harber Charitable Foundation	Kisumu World AIDS Marathon	798,900	
Oct 2013	Aphia Plus HCM PSI	Jamii Centers Wagai & Yala	1,626,710	

Oct 2013	Vestergaard Frandsen	Hand Towel Study		2,836,043
Nov 2013	Harber Charitable Foundation	Salary Community Support Officer	786,000	
Nov 2013	Impact Carbon	Carbon Credits	216,250	
Dec 2013	KWAHO	Training	30,000	
Dec 2013	Foundation Wijjocha	Training, Stock of Products & Scholarship Nivah	1,172,000	
Dec 2013	Richard Brodsky	Kisumu World AIDS Marathon	85,000	
Dec 2013	Well wishers	Kisumu World AIDS Marathon	77,500	
Dec 2013	Aphia Plus HCM PSI	Jamii Centers Wagai & Yala	887,746	
Dec 2013	Public Health Institute	Cook Stove Study		16,915
	Total		13,644,068	15,745,754

6.10 Networking & Partnership

SWAP has remained proactive in establishing effective partnerships with various organizations, networks and with the relevant line Ministries, specifically the Ministry of Health.

HENNET membership

SWAP joined HENNET, a membership organization, in 2009 and was elected to join the Board in 2010. HENNET is a National network for health NGO's and FBOs. SWAP was re-elected by the members in the Board in 2012 for another two years. The vision of HENNET is to see a healthy Kenyan society. HENNET has continued to build the capacity of SWAP staff by inviting SWAP for regular meetings. With over 90 members in the HENNET network, SWAP was able to establish effective partnership and get regular updates on latest health policies and funding and through the network strengthen its collaboration with the Ministry of Public Health and Sanitation and Medical Services. HENNET also prepared its members for the health impact on devolution through a two day training workshop.

Partnership & Collaboration

SWAP continued working in close partnership with the Ministry Health and other GOK departments. SWAP attended County Health Management Team meetings, Water and Sanitation Stakeholders Forums, Disaster Preparedness Forums, and Provincial WASH and County WASH stakeholders meetings.

SWAP remained an active member of the WHO International Network for Household Water Treatment and Storage. The network circulates a regular newsletter to all its members. SWAP has been featured in this newsletter on various occasions.

In April SWAP received the Aphia Plus HCM Sub award through Population Services International for a period of two years. Under this award SWAP has established two more Jamii Centes in Yala and Gem.

SWAP has had an effective partnership with PSI for many years. SWAP is selling all of the PSI products and received in 2007 a 5 year USAID /UKAID Sub award which we successfully completed. PSI currently is offering technical support and SWAP so far has met and exceeded most of its targets.

Another partnership which is ongoing is with Procter and Gamble US. SWAP has been selling Procter and Gamble Products since 2006 and received seed money to set up three Jamii Centers and train Community Health Promoters. SWAP received a Sub Distributors Status and opened a depot in Mumias, where Procter and Gamble products are sold to traders in the area. Procter and Gamble continued to provide technical support for SWAP.

SWAP continued collaborating with CDC- Atlanta, with the latter providing funding and technical support for the research activities. Dr Rob Quick from CDC Atlanta is also represented in the SWAP Board of Directors. New funding was received this year for the MSWANC study in collaboration with CDC, KEMRI, University of California, Rand Corporation and SWAP. The study was successfully launched and is ongoing.

SWAP's key affiliates are the HIV support groups and Community Health Promoters who are the vendors of health products in the communities, with support from the local leaders.

A new partnership and collaboration is between CDC, Procter and Gamble, George Washington University and SWAP for the implementation of the activities under the USAID/DIV award which started in December 2013.

SWAP partnered in 2013 with KWAHO who received funding from EAWAG to engage SWAP for training of the groups managing the 6 water kiosks in Nyalenda and Manyatta. EAWAG further sponsored the Country Director for a Safe Water Conference in Benin.

SWAP is a collaborator with the Liverpool School of Tropical Medicine on a Menstrual Study (Ms Study) among rural school-girls, funded through the MRC/Department for International Development/Wellcome Trust Joint Global Health Trials grant (G1100677/1). SWAP provided guidance on water and sanitation in schools, hired a financial analyst to document costs for cost-effectiveness analysis, and collaborated on the wider study. SWAP was co-author on a qualitative research publication about girls' menstrual needs.

The community leaders continued to play an important role providing support and mobilizing the community to support our interventions.

Communication, social media and television

SWAP's website helped market SWAP and give an insight to international and national partners in our achievements and activities and research papers.

Link to SWAP's website: <http://www.swapkenya.org>

SWAP has a facebook account and a twitter account.

Facebook account: Safe Water and AIDS Project

Twitter account: swap Kenya.

Challenges

With the reduced donor funding, SWAP at times experienced difficulties to pay suppliers in time. This led to frequent stock out of products and it lead to the Mumias Sub Distribution Center to not meet their sales target.

In terms of transportation, SWAP had challenges with only three project vehicles and second hand vehicles are becoming very expensive due to recurrent maintenance. Ideally SWAP should procure a new vehicle, but funds did not allow this. It was difficult to manage the transport demand from the field to reach out to far areas. SWAP sometimes had to outsource and hire vehicles.

SWAP had one debtor from Mumias who did not clear his debts. An agreement was signed with proposed payment schedule which was also not honored. The case is currently in court for summary discharge. SWAP had to review its debt policy and reduce the ceilings and grace period given for debts.

Termination of staff due to attempted fraud and irregularities. SWAP has further strengthened its systems and internal controls and also hired an internal auditor.

Delay in release of funding from USAID. This forced SWAP to scale down some of its activities and lay off some of the staff.

Price fluctuations and mostly increases, especially due to the VAT 16% charges on most products was a challenge. It affected the sales and reduced the demand for products like condoms, which is a very worrying trend.

Way forward

SWAP will strive to professionalize and commercialize its distribution model of health products, establish 3 new Jamii Centers in 2014 and recruit and train more Community Health Promoters expanding its geographical coverage, generating more income from sales, improving its marketing techniques and ensuring reaching out to areas with limited access to services with USAID DIV Funding. SWAP will also do a baseline study in the areas of the three proposed new Jamii Centers. SWAP will develop a sustainable business model while improving health.

SWAP will finalize the MSWANC antenatal study and seek funding for new research as well as share the findings with the Ministry of Health, SWAP staff, the community leaders and the research participants. A paper on the findings of this study will be published.

SWAP will finalize the activities under Aphia Plus HCM and support the Jamii Centers. SWAP has plans to absorb the two centers and provide continued support with USAID funding in 2015.

SWAP will work in partnership with EAWAG to ensure that the 6 water kiosks in Manyatta and Nyalenda slum will become self reliant by the end of 2014.

SWAP will continue to document and share all its achievement and maintain effective partnerships while searching for new opportunities and collaborators.

SWAP continues to appeal to all its loyal donors and well-wishers to continue to be supportive and help SWAP reduce morbidity and mortality in remote areas and vulnerable communities where it operates throughout the year 2014 and beyond.

APPENDICES

APPENDIIX I Summary of Product Distribution & Sales

Product	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Totals
WaterGuard 150 ml	1,939	62,849	7,476	10,261	8, 762	14,876	12,906	6,719	5,688	10,322	6,172	4,522	152,492
PUR sachets (Purifier)	112	372	208	272	3,666	128	15,085	53	240	49,306	185	128	69,755
Aqua tab	10,121	730	1,671	620	522	183	394	690	145	49,263	2,110	120	66,569
Taps	17	13	70	127	69	22	182	2	20	5	12	30	569
Ceramic Filter	155	354	690	13	137	3	18	9	298	8	35	12	1,732
Water storage Pot 20 l	0	2	28	3	29	3	2	1	1	2	0	8	79
Water storage Pot 40 l	0	9	13	13	2	0	1	1	2	0	0	8	49
Water Storage Buckets 20 l	132	7	2	1	8	11	7	9	1	31	46	60	315
Water Storage Buckets 60 l	12	7	16	13	18	26	9	7	10	8	128	52	306
Hand washing Basins	0	0	0	0	0	0	0	0	17	0	0	0	17
Stands for pots	0	8	9	6	3	4	1	3	6	1	0	1	42
Stands for Buckets 20 l	1	1	1	2	121	6	2	3	8	0	21	2	168
Stands for Buckets 60 l	245	0	1	12	10	6	16	4	7	7	218	46	572
Ushindi Soap medicated	1,218	399	296	826	225	179	269	497	455	308	233	307	5,212
Supanet Round Big	1	69	18	30	51	58	56	29	13	17	17	22	381
Supanet Round Medium	4	61	2	3	0	2	1	0	0	0	0	0	73
Supanet Rectangular	8,116	25,501	22,670	20,461	20,523	16,406	22,672	12,784	18,168	19,413	15,205	1,481	203,400
Netprotect	1	3	1	13	27	9	7	6	20	2	14	3	106

Ballet Mosquito Repellent	1	8	78	26	148	28	11	2	6	20	4	9	341
Moringa Leaf Powder 25g	23	23	280	286	56	68	151	108	135	20	133	46	1,329
Moringa Leaf Powder 50g	24	10	146	111	45	52	40	4	58	30	47	267	834
Skin Treatment	30	183	98	49	90	123	204	53	74	44	127	50	1,125
Condoms Trust	241	300	631	358	382	817	3,327	1251	489	180	317	455	8,748
Condoms Trust Studded	48	0	267	247	76	248	87	1076	413	144	91	93	2,790
Family Planning Pills	10	36	24	35	11	14	19	10	13	13	2	10	197
Always Sanitary Pads	169	2884	1,162	905	1,043	1,373	1,005	927	1,304	3,943	796	537	16,048
Always Sanitary Pads Thick	502	689	455	263	671	523	511	521	694	684	247	449	6,209
Femi style Sanitary Pads	246	130	574	409	247	331	37	212	53	8	0	28	2,275
Pampers	371	1025	745	907	1,271	936	748	1496	1,268	960	763	732	11,222
Pampers Maxi High count	4	2	3	8	15	18	1	6	10	12	7	8	94
Pampers Jumbo	0	1	3	1	1	1	10	10	23	19	23	13	105
Improved Installable Stoves	0	4	10	3	25	5	311	131	64	92	0	41	686
Improved Portable Stoves	0	1	10	11	9	2	3	5	7	6	5	3	62
Moringa enriched flour	25	146	114	26	65	87	94	18	99	125	103	37	939
Ariel washing powder	1,526	46,773	47,274	30,148	19,611	19,162	16,049	15,554	19,801	12,777	13,738	11,263	253,676
LIDO bar soap	3,099	5,860	4,082	3,112	4523	3,393	2,574	1,813	2,160	2,021	1,689	1,140	35,466
Msafi bar soap	2	232	611	68	0	0	15	18	3	0	124	17	1,090
Menthoplus	11	137	157	72	55	49	3	20	29	6	1	0	540

Coldcap Tabs	0	91	263	243	14	0	101	20	420	500	0	0	1,652
Multivit 60 ml	2	5	8	0	4	9	0	0	21	1	0	1	51
Unimol 600ml	1	10	7	7	0	1	5	4	10	0	0	0	45
ORS	0	1	3	1	0	2	0	4	1	0	0	50	62
Elastoplasts	0	10	3	6	0	0	0	0	23	0	0	0	42
Albendazole	5	74	7	17	164	5	11	6	43	17	8	6	363
Luxury white tissue paper	1,166	3,739	3,536	3,092	3,899	2,307	3,414	5446	5,199	3,966	2,865	3,512	42,141
Sugar 1kg	5	1,532	1,384	90	5	0	0	0	0	0	166	20	3202
Sugar ½ Kg	165	1,094	1,443	527	151	39	15	0	0	0	0	0	3,434
Sugar ¼ kg	363	1,635	1,667	550	28	0	16	0	0	0	0	0	4259
Cotton wool	0	1	6	1	1	0	1	0	6	0	0	0	16
Global Soap							90	2	23	0	0	0	115

APPENDIIX II Organizations Visiting SWAP in 2013

SWAP over the years have been visited by various representatives from National and International organizations and Universities.

- Impact Carbon – US
- Nuru International - Kenya
- US Peace Corps –US
- CDC Atlanta - US
- Population Services International - Kenya
- Erastus and Company - Kenya
- Liverpool University – UK
- Soroptimist International -Kenya
- Foundation for Health and Social Development – US
- Porticus Amsterdam – The Netherlands
- Gain Foundation - Switzerland
- Skyhydrant Foundation – Australia
- Harber Charitable Foundation- The Netherlands
- USAID/DIV- US
- EAWAG and KWAHO – Switzerland / Kenya
- Rand Corporation - US
- University of California - US
- Cornell University –US
- Procter and Gamble –US
- 300in6 – The Netherlands
- Chemonics International – US
- Philantrophy Indaba – US
- CEO for Global Fund – US
- President of the International Center for Research on Women – US
- CIO of Impact Assets - US
- CEO of the Center for Women’s Entrepreneurial Leadership, Babson College. – US
- Mothers to Mothers – Kenya
- Philantrophist – Sweden
- African Trust – Kenya
- Vestergaard Frandsen – Kenya
- One Acre Fund – US

APPENDIIX III Published Papers – Research Findings – Evidence of impact

- 1) Center for Disease Control and Prevention – Atlanta, Department of Health and Human Services: Baseline Data from the Nyando Integrated Child Health and Education Project. MMWR – CDC Weekly report – Vol 56 October 22, 2007
- 2) Matthew C Freeman et al- 07-03-2009: Increasing equity of access to point of use water treatment products through social marketing and entrepreneurship: a case study in Western Kenya. Journal of Water and Health
- 3) Julie R Harris et al: Effect of point of use water treatment and safe water storage interventions on diarrhea in infants of HIV infected mothers. , 15 October 2009_ Journal of Infectious Diseases
- 4) Maria Elena D. Jefferds et al: Formative research exploring acceptability, utilization and promotion in order to develop an micronutrient powder (Sprinkles) intervention among Luo families in Western Kenya. Food and Nutrition Bulletin vol 31 (supplement) 2010 – the United Nations University, 2010.
- 5) Parmi Suchdev et al: Monitoring the marketing, distribution and use of Sprinkles micronutrient powders in rural Western Kenya . Food and Nutrition Bulletin vol 31, no 2 (supplement) 2010 – the United Nations University, 2010
- 6) Parmi Suchdev et al: Sustainability of market based community distribution of sprinkles in Western Kenya. Maternal and Child Nutrition 2012.
- 7) Samuel Loewenberg : Fighting Child Nutrition in Africa through the use of micronutrient supplements. Health Affairs, June 2011
- 8) Julie R Harris et al: Addressing inequities in access to health products through the use of social marketing, community mobilization and local entrepreneurship in Rural Western Kenya. International Journal of Population Research Article ID 470598, 25th March 2012
- 9) Frederick E Grant et al: Comparison of indicators of iron deficiency in Kenyan children. American Journal of Clinical Nutrition – 2012 American Society of Nutrition, 2012
- 10) Parmi Suchdev et al : Selling Sprinkles micronutrient powder reduces anemia, iron deficiency and vitamin A deficiency in Western Kenya, a cluster randomized controlled trial. American Journal of Clinical Nutrition –American Society of Nutrition, 2012
- 11) Elizaeth Briere et al : Impact of integration of Hygiene kit distribution with routine immunizations on infant vaccine coverage and water treatment and hand washing practices of Kenyan mothers. The Journal of Infectious Diseases 2012:205 (supplement 1), 2012
- 12) Patel et al: Impact of a hygiene curriculum and the installation of simple hand washing and drinking water stations in rural Kenyan primary schools on student health and hygiene practices. American Journal of Tropical Medicine and Hygiene 2012
- 13) Eleanor. F. et al :The Impact of Intergration of Rapid Syphilis Testing during Routine Antenatal services in Rural Kenya. Hindawi Publication corporation Journal of sexually transmitted Diseases
- 14) Samuel Loewenberg: Easier than taking vitamins The New York Times, 5th September 2012.
<http://opinionator.blogs.nytimes.com/2012/09/05/easier-than-taking-vitamins/>
- 15) Silk et al: A strategy to increase adoption of locally produced ceramic cook stoves in rural Kenyan households. BMC Public Health 2012.
- 16) Ryman et al: Integration of routine vaccination and hygiene interventions, a comparison of two strategies in Kenya. Journal of Infectious Diseases 2012.

- 17) Katharine Shilling et al: Challenge of promoting interventions to prevent disease in impoverished populations in rural western Kenya – American Journal of Public Health – December 2013
- 18) Eric M Foote et al: Determinants of anaemia among preschool children in rural, western Kenya ; under review
- 19) Foote et Al; Impact of Locally Produced ceramic cook stoves on respiratory disease in children in Rural Western Kenya - The American Society of Tropical Medicine and Hygiene – October 4, 2012.
- 20) Mason L, Nyothach E, Alexander K, Odhiambo FO, Eleveld A, Vulule J, Rheingans R, Laserson KF, Mohammed A, Phillips-Howard PA. 'We keep it secret so no one should know' – A qualitative study to explore young schoolgirls experiences with menstruation in rural western Kenya. *PLoS ONE*, 8(11):e79132, 2013.