

**2004 International Symposium:  
Household Technologies for Safe Water**

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***Theme: Beyond the Millennium Development Goal for Safe Water in Africa and Promoting Adoption of Household-based Technologies***

***Symposium Goals:***

- To update participants on the latest, evidence-based approaches for promoting water quality and public health at the household level
- To disseminate information from various safe water projects to public, private and professional stakeholders
- To link current interventions to the Millennium Development Goal (MDG) for Health and demonstrate how they can supplement the MDG for Water

**Agenda:**

*June 15, 2004*

Cocktail Reception: 5:00-7:00 p.m.  
Norfolk Hotel

*June 16, 2004*

**Welcome and Symposium Overview:**

Mistress of Ceremonies: Patricia Riley, CNM, MPH  
Office of Global Health and  
Foodborne and Diarrheal Diseases Branch  
CDC

**9:00 a.m.**

**Welcome and Opening Comments:**

Dennis O'Brien, CARE Kenya Country Director  
David Walker, PSI Kenya Country Director  
Kevin DeCock MD, MPH, Director, CDC Kenya, CDC

***“Safe Water and Household-based Technologies: Toward a New Paradigm”***

Robert Quick MD, MPH, CDC

***“The Private Sector as an Engine for Public Health”***

Mark Lediard  
Johns Hopkins University Center for Communications Programs

**Keynote Address:**

***“The Role of Household Technology for Safe Water in Kenya”***

Martha Karua

Minister of Water, Kenya

***“Safe Water and Health for the Developing World: the US Position”***

Dr. Aaron Salzberg (invited)  
Senior Advisor on Water  
US Department of State

**10:30 a.m.** Tea Break

**11:00 a.m. Background and Overview of Issue:**

**Panel:** *“Innovative Point-of-Use Water Quality Products and their Impact”*

Moderator: Eric D. Mintz, MD, MPH, Chief,  
Diarrheal Diseases Epidemiology,  
CDC

- *“The Impact of the Safe Water System on Health in Kenya”*  
Philip Makutsa, Project Manager, Nyanza Healthy Water Project
- *“Solar Disinfection”*  
Stephen Burgess, Christian Community Service, Eldoret Region
- *“Water Treatment in a Packet: Evaluation of a new Product in Western Kenya”*  
Peter O. Otieno, BAnth, MSc  
Foodborne and Diarrheal Diseases Branch, National Center for Infectious Diseases, CDC

Questions and Answers (15 minutes)

**12:00 p.m. Lunch:**

**1:30 p.m. Panel:** *“Innovative Implementation Approaches: Creating Access to the Safe Water Systems in Rural, Urban and Emergency Settings” Part 1*

Moderator: Robert E. Quick, MD, MPH, Foodborne and Diarrheal Disease Branch, National Center for Infectious Diseases, CDC

- *“Zambia: Crisis Response and Development”*  
Peter Kalenga, Society for Family Health, Zambia
- *“Madagascar: Extending Social Marketing to Remote Areas through Community Mobilization”*  
Yves Mong, CARE Madagascar

- *"New Development in Madagascar: Smaller bottle with higher concentration solution,"*  
Ranja Rakotomahanina, PSI Madagascar
- *"Kenya: Running a Self Sustaining Project on a Shoe String"*  
PSI Kenya
- *"Kenya: Utilizing Frontline Healthcare Providers for Safe Water System Promotion"*  
Grace Kongoro, Nursing Council of Kenya

Questions and Answers (15 minutes)

**3:00 p.m.**

**Tea Break**

**3:30 p.m.**

***"Innovative Implementation Approaches: Creating Access to the Safe Water Systems in Rural, Urban and Emergency Settings" Part2***

- *"Malawi: Project Implementation Amidst Natural Disasters and Epidemics"*  
Wanangwa Thidwe, Population Services International, Malawi
- *"Tanzania: How to Address Urban Needs"*  
Abdularazak Badru, Population Services International, Tanzania
- *"Rwanda: Reaching High-Risk Dispersed Populations"*  
Nadine Gasarabwe, Population Services International, Rwanda

Entire Panel: Question and Answer session

**4:15 p.m.**

Announcements and Closures:  
Patricia Riley, CNM, MPH

**6:00 p.m.**

**Cocktail Party**

***Thursday June 17, 2004***

**8:30 a.m.**

Opening Remarks....Need title  
Alfred K. Lang'at, Ministry of Health, Kenya

**Panel: “Safe Water System and HIV/AIDS Management”**

Moderator: Elizabeth Marum, Ph.D., CDC Kenya

- “*Uganda: Health Impact of the Safe Water System on People with HIV/AIDS*”  
John Lule  
CDC/UVRI
- “*Kenya: Safe Water System as a Home Care Intervention for people living with HIV: Letting the Community Take Responsibility*”  
Alie Eleveld, CDC Field Station, Kisian

Questions and Answers

**9:30 a.m.**

**Panel: “Innovation in Point-of-Use Technology”**

Moderator: Mark Sobsey

- “*PUR and the Global Development Alliance: A Business Response to Public Health*”  
Greg Allgood, Proctor & Gamble
- “*An Evaluation of the Impact of a Point-of-Use Water Quality Intervention in Dhaka*”  
Mark Sobsey, University of North Caroline
- “*Household Drinking Water Treatment in Bolivia Using Ceramic Drip Filters*”  
Tom Clasen, First Water
- “*SODIS Project Update*”  
Martin Wegelin  
Dept. of Water and Sanitation in Developing Countries (SANDEC), Swiss Federal Institute for Environmental Science and Technology (EAWAG)

(Room for 2 more Network speakers)

**11:00 a.m.**

- “*Wrap-Up and Way Forward*”  
Professor Stanley O. Foster, MD, MPH  
Rollins School of Public Health, Emory University

**Closing Remarks:**

- **“How Household-Based Technologies fit with the Millennium Development Goal for Health and Water”**  
Hon. Prof. Peter A. Nyong’o,  
Minister for Planning and National Development

**Field Trips: (optional, self-sponsored)**

2:00-4:00 p.m.

**PSI – Tour of Nairobi operations**

**Can accommodate 9 visitors**

**Friday June 18, 2004**

**Kisumu Field Trips: 8:00 a.m. – 4:00 p.m.**

**Society of Women with AIDS in Kenya (SWAK)**

**Can accommodate up to 10 visitors**

0800 am Arrival Kisumu Airport with the morning flight.  
08.30 am SWAK office - Coffee and tea and explanation on how SWAK has introduced SWS through support groups.  
09.30 am Departure to the field Asembo - Uyoma  
- Visit to Turbid water site at Yakima - Asembo  
- Visit of Purr and Florin Vendor at Arum Market - Asembo  
- Meeting with 3 groups Kasserri Women, Uganda Women and Kasserri youth in one compound in Uyoma  
1. Display of water treated by Purr and water treated by Florin for tasting  
2. Sketches on safe water by Kasserri Youth  
3. Questions and answers  
4. Visit to the lake site (5 minutes walk)  
5. Lunch  
03.00 pm Departure back to Kisumu

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**CARE Kenya – Home Bay**

**Can accommodate up to 10 visitors**

<b>TIME</b>	<b>ACTIVITY</b>	<b>RESPONSIBLE</b>
8:00 am – 8:10am	Arrival at Kisumu Airport	Project Manager/ Project Officer
8:15 am – 9:00 am	Courtesy call at CARE Kisumu	Program Manager,

9:00 – 10:20am	Drive from Kisumu to Project sites	Project Driver
10:20 – 10:50am	A visit to a community based SWS stockist and Community adopter in Kachien Project site.	Field Officers
10:50 – 11:50am	Visit MORCAO and one commercial store in Kendu Bay, Rachuonyo.	Project Officer and Field Officer
11:50 – 1:00pm	Visit Oriang Pottery Women Group and Adiedo Earth pan	Project Officer and Field Officer Rachuonyo
1:00pm – 2:00pm	Lunch break	Hotel Hippo buck
2:00pm – 3:00pm	Visit Homabay district hospital	Nursing Officer In charge
3:00pm – 3:30pm	Wrap up at CARE office	Project Manager
3:30pm	Departure to Kisumu	Project Driver

**Legend.**

1. MORCAO- Mothers’ Rural Care for AIDS Orphans, A local NGO that has partnered with CARE to promote Safe Water System Intervention.
2. Oriang Pottery Women Group is a local CBO that manufactures improved storage vessels (Clay pots) for Care’s SWS intervention.
3. Adiedo Pan is a community water source catering for large community coverage without any feasible safe water source.
4. Homa Bay District Hospital is the medical clinic that will be piloting SWS intervention through Ministry Of Health set-ups. A model for partnership with CARE, MOH, CDC and PSI.
5. The distance between Kisumu airport and project sites is approximately 120kms. Half of the distance is all weather-roads and the rest is murram/earth road. Some of the scenery the visitors are likely to enjoy includes Homa Hills, Lake Victoria, Simbi Nyaima salt crater sea and beautiful tors/rocky hills of South Nyanza.