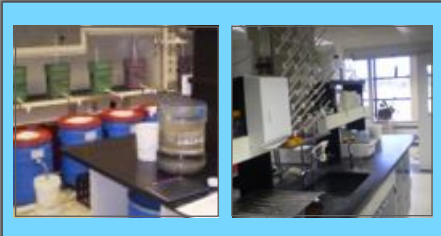


Headquarters and Laboratories

ACI Headquarters and Laboratories are located at the Michigan State University Bioeconomy Institute in Holland, Michigan. Under the auspices of Dr. Ted Loudon, Emeritus Professor of BioSystems in the MSU Department of BioSystems & Agriculture, the facility enables collaborative relationships with MSU research administrators and faculty.



Aqua Clara's continuous research on cheaper, cleaner water technologies begins here. When initial testings are satisfactorily completed, new technologies go to beta sites in the field. Final testing at local beta sites readies the technology for general use.



From studies conducted in our laboratory at the MSU Bio-e facility, to longitudinal evaluations of our programs in the field, to white papers issued by ACI staff and/or members of the Science and Technology Advisory Council, Aqua Clara engages in persistent program evaluation and research to continuously provide insights into issues related to clean water, sanitation, and health in developing countries.



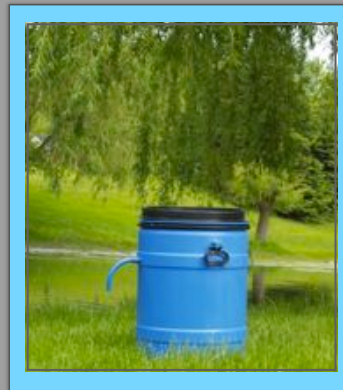
www.aquaclara.org

Training



ACI exists to transfer appropriate, effective and affordable technological know-how to local community leaders who will then be empowered to meet the needs of their communities. One of our major thrusts is in sending our Transfer Agents to communities of need that request our presence.

In many communities, a group training session usually occurs. After several water purifiers are constructed and are functioning, those who are inspired to launch their own enterprise based upon purifier manufacture, sales and maintenance are supported through follow-up materials, documentation procedure and visits.



ACI CONTACT INFORMATION

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simple, effective solutions.



The mission of Aqua Clara International is to forge sustainable and scalable solutions providing those who live on less than \$2/day with clean water.



Our team of engineers has developed technologic solutions to worldwide water issues that are appropriate to various local contexts and needs. Our flagship product is the Aqua Clara Water Purifier, which produces safe, affordable drinking water for families worldwide. The principal ACI-supported sites for this purifier are located in Kenya and Nicaragua, while ACI also partners with many organizations to construct and install the purifiers in other countries.

In addition, Aqua Clara International offers a wide range of solutions to address other water issues, whether they are found in surface water or well water, or are the result of special contaminants, such as arsenic and fluoride.

Where we Work

Kenya

Aqua Clara International (ACI) began its operations in **Kenya** in 2007. Since then it has been responsible for several thousand water purifiers constructed, installed, and

monitored by the network of entrepreneurs we have established. This program is becoming an exemplar for clean water initiatives, and ACI's continued growth has in part been due to the growing recognition of our unique method that generates local economic activity, leaves a strong local knowledge base and creates a permanent program driven by local motivations in the areas in which we work.



Nicaragua

Through partnerships with other in-country organizations, Aquanic has been responsible for the construction and

placement of over 1,500 ACI filters, providing direct benefit to about 15,000 people and indirect benefit to another 15,000 extended family members and neighbors.



Global Locations

ACI also partners with a variety of organizations to construct and install purifiers in other countries worldwide:

- Monterrey
- Yucatan Peninsula
- Chiapas
- Oaxaca
- Leon, Chinendega Region
- Honduras
- Panama
- Guatemala
- Bolivia
- Peru
- Haiti
- Uganda
- Mozambique
- Rwanda
- South Africa
- Ghana
- Pakistan
- Afghanistan
- Thailand
- Vietnam
- ...and many MORE!

Clean Water for the World Technology Mix

ACWP Aqua Clara Water Purifier

- Aqua Clara Water Purifier
- Flagship product designed for point of use in family homes
- Bio-layer, sand filtration,
- ACX completes purification (Brass alloy disinfecting compound)
- Provides 60L of clean drinking water
- Meets or exceeds WHO standards
- Cost is approximately \$0.001/liter
- Local materials, Local Craftspeople



There are generally two types of water available to individuals and families in developing countries: water that is brought to the home from streams, ponds, rivers, wells, or other similar surface water sources, or water that is processed by a municipal water system. Both types of water are generally contaminated and not suitable for human consumption without causing disease or sickness. Each type requires a specific technological intervention to ensure clean water is available.

SAM Sand & Hollow Fiber Membrane Filters

- Larger volume of water for hospitals, clinics, orphanages, and schools
- Reduced turbidity of incoming water with trickle sand filter
- Continue cleaning with hollow fiber units similar to kidney dialysis technologies
- Removes bacteria from water
- Special additional micro hollow fiber unit also removes viruses
- Provides 1,000 to over 10,000 liters per day of clean water



Special Contaminants

- Special configurations for Arsenic, Lead, Mercury, metals and fluorides
- "Kitchen" filters designed with second filter to reduce contaminants