



THE CHALLENGE:

- Historically, the ingestion of contaminated water has killed more people than any other cause... and it remains a significant problem worldwide;
- Approximately 20% of the present global population consumes water that is fouled by fecal matter, a variety of parasites and larvae, and/or heavy metals;
- The availability of clean, disinfected water is diminishing worldwide;
- All young children have immature immune systems and are especially vulnerable to pollutants resulting in:
- The death of one in five children who regularly ingest impure water; and
- Improper maturation in two of the remaining five children.

AQUA CLARA'S WATER PURIFIER

- ✓ Produces **CLEAN WATER** that meets World Health Organization guidelines;
- ✓ Produces safe, **AFFORDABLE** water;
- ✓ Purifies in a reliable process that requires no electricity and involves no moving parts;
- ✓ Is built from **LOCAL MATERIALS** and requires no cement or steel forms for manufacture;
- ✓ Is manufactured by **LOCAL CRAFTSPEOPLE** using **SIMPLE TOOLS**;
- ✓ Can be constructed in large numbers in just a few days; and
- ✓ Can be manufactured, sold and serviced by a **LOCAL ENTREPRENEUR** ensuring continued production and service in the long term.



Aqua Clara is a faith based Christian organization. We seek to work with all organizations, both faith based and secular. We express our beliefs through our actions. We are committed to help reduce pain and suffering. We believe clean water is a critically important first step.

We are supported by a vast network of allies in this mission - those that dedicate time, talent and/or financial support.

Would you like to work with us towards this goal? More information is available at www.aquaclara.org or by contacting AC.

Donate. We are a registered non-profit, and donations directly determine our rate of expansion. And since our core funders cover our administrative costs, 100% of your donation will go directly to implementing programs in the field! Donate at the address below or on our website. Contact us for more information.

Volunteer. We are a volunteer-driven organization. Want to join? Contact us.

Connect. We expand by training others - share your connections and ideas.

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WATER PURIFICATION

...in pursuit of H₂OPE

www.aquaclara.org



OUR MISSION



Aqua Clara International exists to aid in the establishment of sustainable locally owned businesses that provide affordable, clean water for children and families worldwide.



The Aqua Clara Response...

SIMPLE, EFFECTIVE TECHNOLOGY

AC has taken known water purification knowledge and developed simple, single-family point-of-use water purification systems that can be constructed by local craftspeople with local materials. Our flagship system is the **AC Water Purifier**, which can be constructed of a variety of different **local materials**, has **no moving parts**, **requires no power**, has an estimated life of 10+ years, and **meets all W.H.O. water purity standards**.



Local sand and gravel for filler material.

The AC purifier is regularly constructed of components costing less than \$15 - for a projected water output cost of approximately \$.0004 per liter.

SUSTAINABILITY

This simple production method and low cost can enable the establishment of **locally owned business operations** that can economically **produce and service** water purification systems for their communities. Our end goal is to help launch local groups that continue producing, placing, promoting and maintaining AC water purifiers long after our trainers leave. And because our materials are purchased locally, the local economy benefits.



Purifier bodies are constructed from local materials.



An AC Franchise (local production team) breaks from their work for a photo.

AC partners with local, trusted leaders, conducting training sessions that transfer know-how to locals, empowering them to move forward in meeting their communities' needs.



HOW AC WORKS

- We train local social entrepreneurs in order to create locally-driven programs that expand based on local knowledge, local motivation and local resources.
- We send staff to conduct training and support work in our four countries of focus. As we improve our program, we share best practices across our affiliate network.
- In at least 17 countries, affiliate programs (churches, mission groups, NGOs, etc.), trained by AC in the US, are working to train local communities in the AC program. This affiliate



network continues to grow, as US based training sessions are conducted regularly.

- Our program is based around many small, locally controlled 'AC Franchises' that are trained in constructing the AC water purifier. Additionally, we are currently developing other units that these groups will be able to produce: larger community-sized units as well as units that deal with arsenic and fluoride contaminated water. AC technology is developed within our standard design constraints: effective function and built from common, locally available and inexpensive materials.

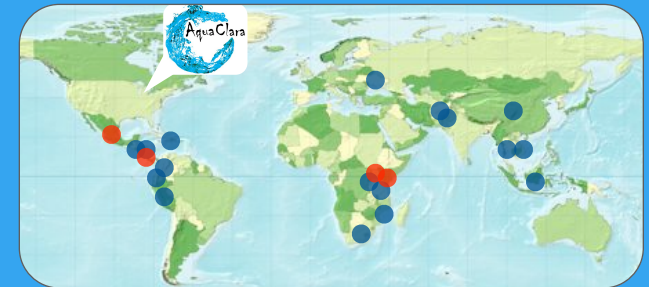


- We are also working to expand our 'training mix' by collaborating with other like-minded organizations that also focus on training local groups in the implementation of applicable technologies, and we are working to offer an increased product mix to our network of AC Franchises so that they can offer other simple, effective, affordable, beneficial technologies for sale to their communities.



WHO WE ARE

AC is a 501(c)(3) non-profit organization which began in 2005, field tested its first units in 2006/7, fully launched in 2008 and has since seen its program grow to its present size. The map below shows where our program has reached from our base in Holland, MI.



The red dots mark AC's 'core countries' of focus, and the blue dots mark countries in which affiliate programs are active.



The purifier bodies are assembled from PVC pipe and HDPE plastic bodies of whatever type is locally available. Simplicity allows low cost.