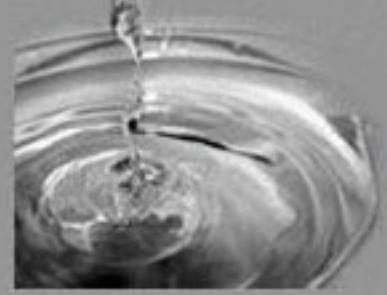




Cornell University



AGUACLARA

Agua Para el Pueblo

The sustainability of AquaClara technology is two-fold, including physical and social sustainability. The main goal of our project is the design and construction of water treatment plants in Honduras, but much thought also goes into the integration and implementation of these plants with the communities in which they are built.

Beyond the physical design and construction of water treatment plants, the AquaClara project also focuses on knowledge transfer. This allows the receiving communities to be self sufficient and sustainable in plant operation and maintenance. Our plants are built with local labor, and with attention paid to educating plant operators and local people about the technology.



AquaClara operates under the idea that education is the best path to the success of a development project. The research conducted at Cornell University on water treatment processes, particularly on flocculation, is the foundation for the design of the plants we have built. Our water treatment plants are designed to be clever, simple, and affordable. The plants are gravity powered and made completely out of local materials.

As we move forward in our research we are testing variations of our existing flocculation model, including the relationship between velocity gradients and fluid mixing and floc formation. The conclusions from this research should make the AquaClara technology even more efficient and less expensive to implement.

Finished Projects



La34



Ojojona



Tamara



Marcala