

Florence Rotary

World Community Service Project

Q Beta water filters

A simple solution to a big need

The need

- Guatemala is located in Central America
- Population estimated at 12 million
- Indigenous population is 48% of total



The need



- 91% of the indigenous (over 5 Million) living below poverty line
- Diarrhea is one of the leading causes of mortality

Tropical Storm STAN



- Devastated Guatemala in October 2005
- Death toll of more than 1,500

Tropical Storm STAN



- 100,000 homeless due to flooding and mudslides

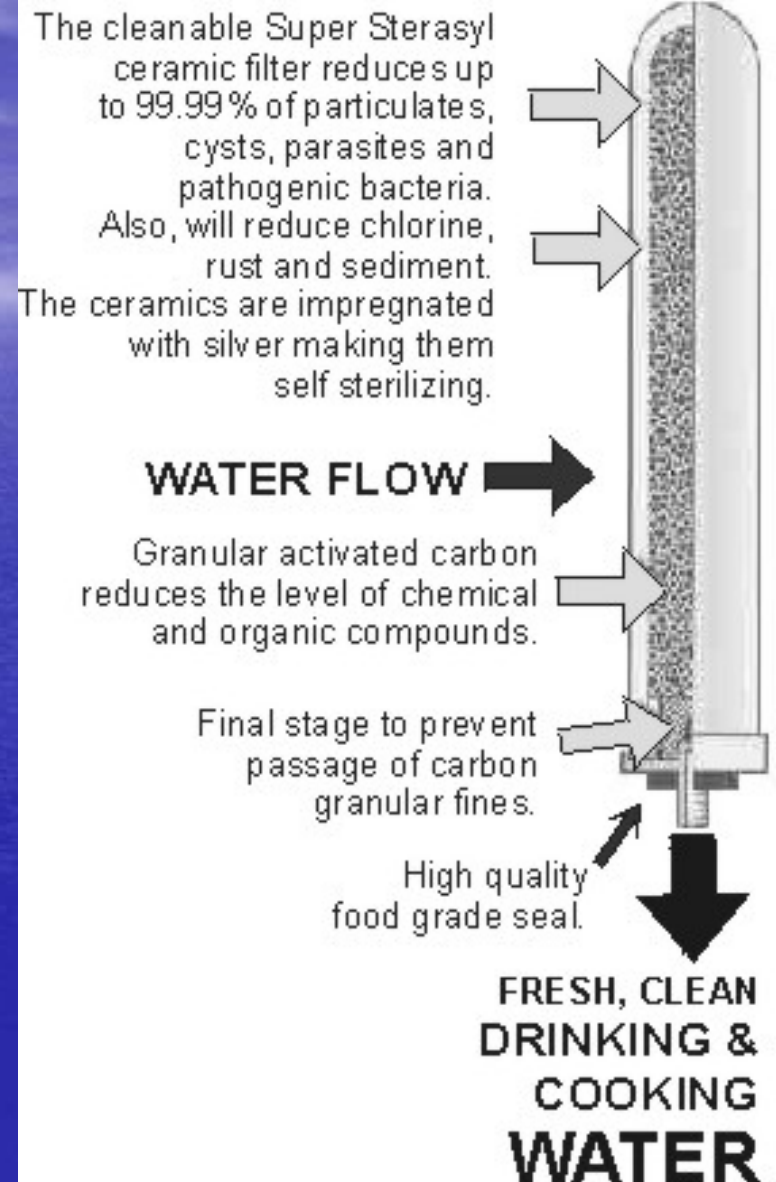
Rainy season (May to November)



- Will bring more suffering and damages
- Clean water a high priority

The solution

- The Q Beta water filter developed
- Made possible by a very special price from Fairey Ceramics, U. K. based manufacturer of British Berkefeld ceramic candles
- Contribution to the big need of a developing nation



Q Beta water filter

- Chosen by the First Lady of Guatemala
- Appropriate technology for the rural areas
- Using food grade plastic buckets allowed for big reduction in cost



Q Beta water filter

- Works by gravity
- Water levels easy to visualize
- Long lasting
- Candles are cleanable



Q Beta water filter

- Provides safe clean water to a household for over two years
- Easy to transport and setup
- Unit has two candles, two buckets and a spigot



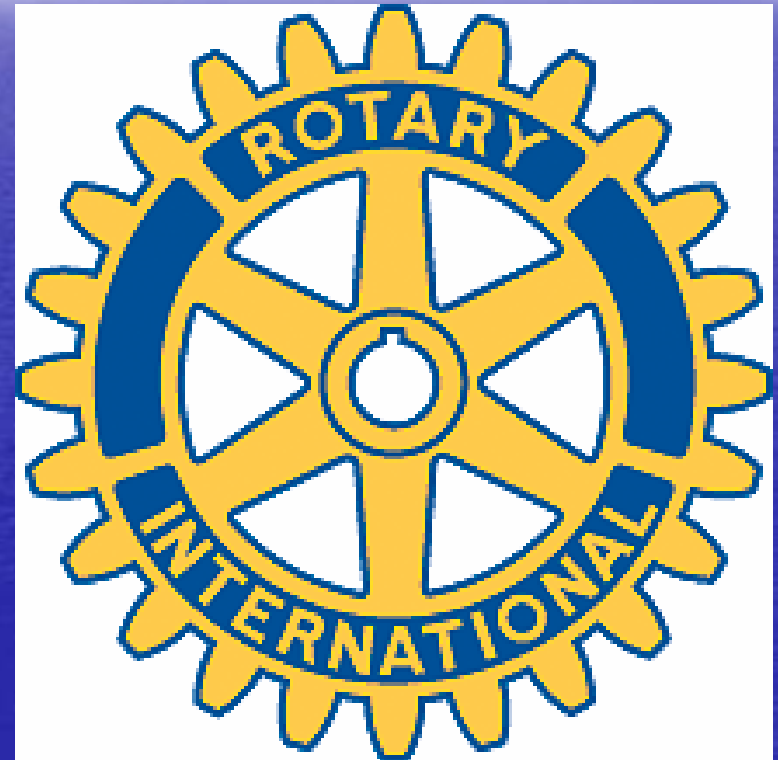
Q Beta water filter



- Field tested in rural households with positive results

Worthwhile Rotary Project

- Guatemala Sur RC willing to co host MGs for Q Beta water filters
- Practical proven solution to a big need
- Water is a priority for Rotary International
- Simple project with a big impact



Q Beta water filter project

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