

Water for Life & WASRAG Sub-Sahara Africa Projects



- *A Partnership to Provide the People of Africa with Access to Clean Drinking Water*

Water is an Element AND A Right of Life !

- Why perform Surgical/Medical Missions when the children go home to contaminated water & die of dysentery and water borne disease?
- We spend \$100- 350 per pediatric surgery, why not add \$8 and have clean health as well?



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Smiles International Foundation

Statistics

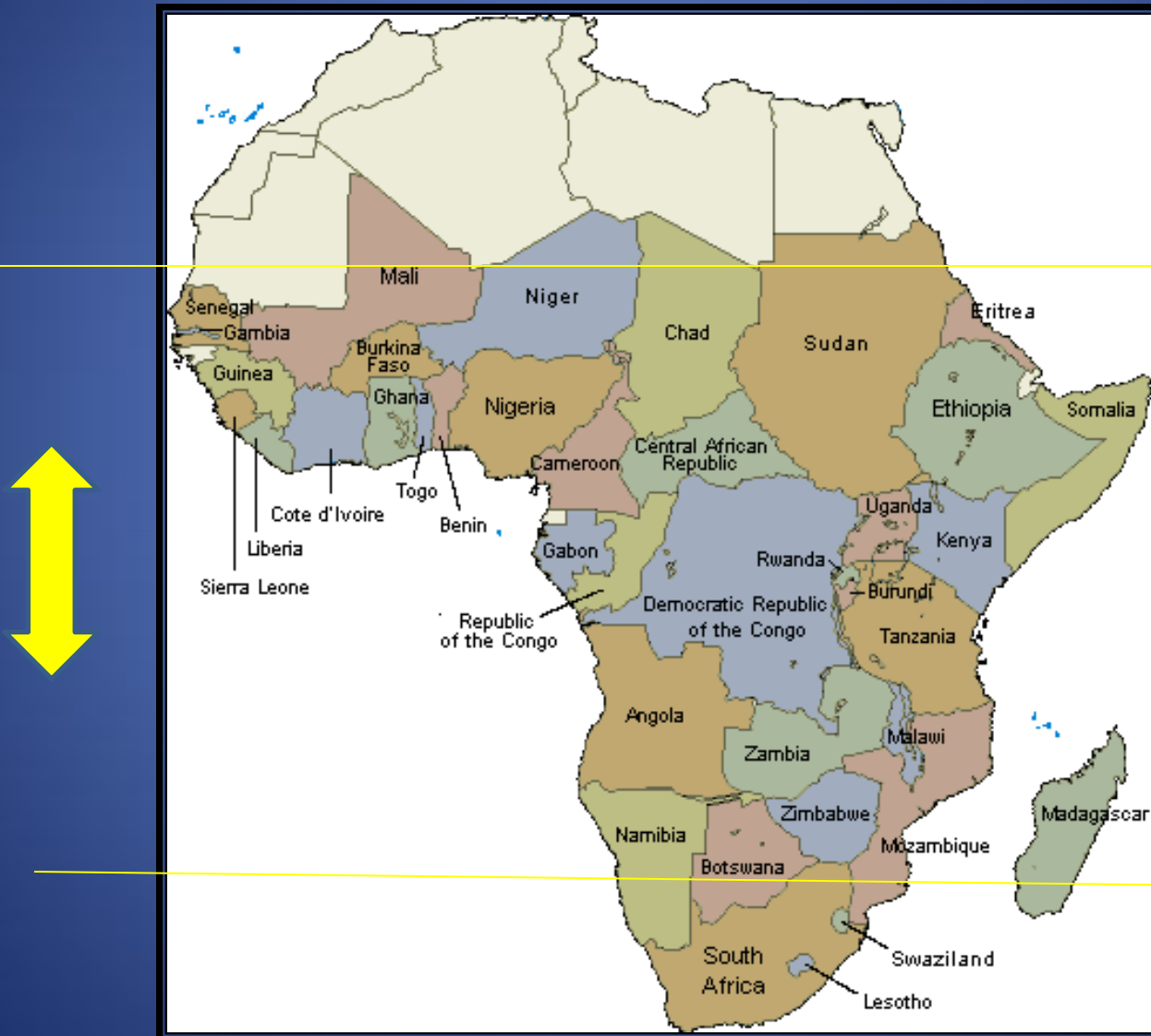
- Over **a billion people**—20% of the world's **population**—lack access to clean drinking water in the developing world and nearly 2.5 billion lack access to adequate sanitation services.
- **4,500 children die each day** from a lack of safe drinking water.



Mission Statement

- **Water for Life International, Inc. (WFLI)** is a California-based 501 c,3 non-profit organization dedicated to *providing access to clean potable water where needed.*
- **WFLI** was created in response to the Asian Tsunami in December 2004 and Hurricane Katrina in August 2005.

Sub-Saharan to above South Africa



The Sierra Leone Test Story



“Follow the Water”...

Moiyebe Dam



Human contamination upstream creates polluted runoff



Behavioral Patterns WILL be Modified with Program

Contaminated sources below





Daily, young girls in Sierra Leone are burdened with collecting the dirty water hauling it more than **6 km** back home



Water borne and water related diseases are a major problem in Africa. More people die from diarrhea, worms, typhoid and malaria *than any other disease*.

Emaciation & Dehydration



Why even do surgery? They will die regardless...
Polio Vaccines get eliminated: Dysentery **prevents** effectiveness.

Bring the Water TO the Village



**Gathering Pools are made into Shallow Wells and
Water Brought To the Purification Units**



Finally... gallons of hope



Versatile Unit Still Portable For Emergency Transport



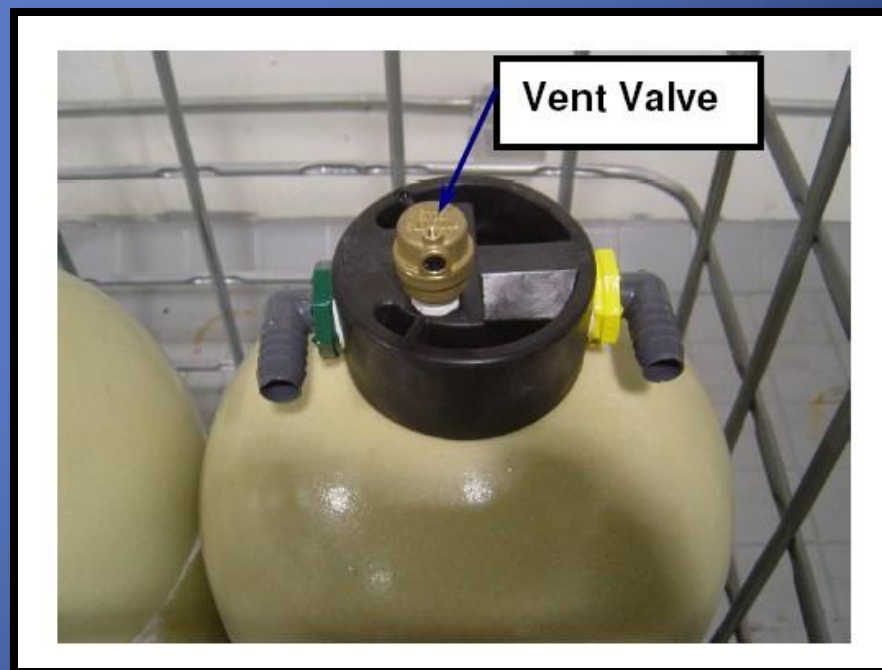
Simple & Replaceable Parts



Simplified Training

No.	Name	Position
V1	Main Flow Control Valve	1/2 Open
V2	Valve Assembly	To the Right
V3	F1 Backwash Flow Control Valve	Open
V4	F2 Backwash Flow Control Valve	Open
V5	Chemical Feed Bypass Valve	1/2 Open
V6	Sample Port/Tank 1 Fill Valve	Position 1
V7	Backwash Water Feed Valve	Open
V8	Tank 1 Drain Valve	Closed
V9	Tablet Chlorinator Drain Valve	Position 1

Chemical Feed Bypass



Sustainable Energy Source Solar Panels

Efficient and Cost Effective for Citizens



Collateral Medical Attention



Simple Pharmacy



Treatments Bring Smiles



Shorter Distance and More Productive Time for Young Women



Girls Can Get Back In School!



Direct and Measurable Results



Healthy Water!



WATER PURIFICATION SYSTEM
DONATED BY: VARIETY CHILDRENS
LIFELINE/WATER FOR LIFE INT.
MR SALAH HASSAEIN THROUGH
WATER MISSION INT. (WMI) CHAN-
NEL BY DR BOB-PACIFIC PAEDIAT-
RICS TO THE DOOR C F CHURCH
FOR KISSY DOCKYARD COMM.

2008/09/05 09:08



Surgical and Medical Assistance Cannot Succeed without Clean Water !



Pledge: No More Sand Castles! Let's Get It Together!

Healthy Children... Yields Productive Lives



Join Rotary WASRAG Foundation's Water Efforts

Let us add your club's name to the project and match your dollars.

- District 5340 DDF ,WFLI, & WASRAG can give you **8:1** dollar enhanced match for your club yielding a full unit for your club to sponsor.
(up to \$5K DDF/ Club in District 5340)
- This gives 10,000 gallons/day providing 5,000 people clean water for daily health.

Example (Cote d'Ivoire): \$5K provides 5,000 people with daily water

- Club Donation (several clubs can share) **\$5K**
- DDF Matching **\$5K**
- WFLI (et al..) Matching **\$10K**
- (Equipment) **\$20K**
- WASRAG (et al..) Funding **+ \$20K**
(Metrics Outcome Monitoring, Equip. Maintenance,
Training, Spare parts)

Project

\$40 K

Project Goal

(subject to funding)

TOGETHER

*We Will Implement **200 Clean Water Sites***

*Over The Next **Three Years** to Provide Clean*

*Water to **ONE MILLION People** In Africa*

First Phase: Predicable Success



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