



WE MAKE
DRINKING WATER RECOVERERS™



RF Patent #129413
RF Patent #81722

WWW.NAQWA.COM



Tested:



NAQWA SWR

Naqwa Drinking Water Recoverers

APPLICATION

- Rural Water
- Emergency
- Military
- Travelling

Drinking Water Crisis. World.

One-in-six people in the world lack safe drinking water.

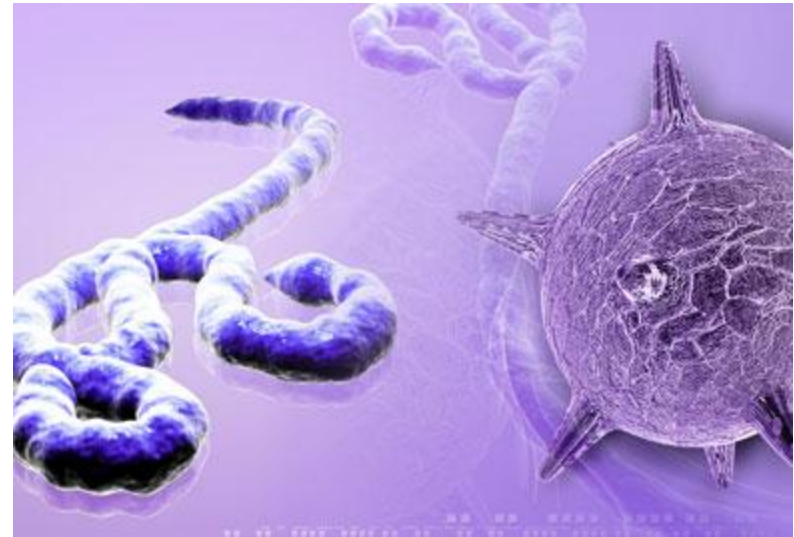
- **884 million*** deprived of improved sources of drinking water;
- **4 billion** annual cases of diarrhea illness;
- **1.8 million** lives lost each year due to diarrhea disease;
- **443 million** school days lost each year from water-related illness;
- **117 million** disability adjusted life years (DALYs) lost annually due to diarrhea and intestinal worm infections.



Drinking Water Crisis. India.

- **37.7 millions** of Indians are effected by Water Born Diseases annually;
- **1.5. Million Children** are estimated to die of diarrhoea alone;
- **73 Million Working Days** are lost due to water born disease each year.

In all **1,95,813 habitations** in the country are effected by **poor water quality**.



In India water problems are mostly **Man Made!**
The resulting **Economic Burden** is estimated at **\$600 Million** a year!

Rural India

Rural India has more than:

- **700 million people;**
- **1.42 million habitations;**
- **15 diverse ecological regions.**

Meeting of drinking needs of such large population can be a daunting task.



India has 16% of the world's population and 4% of its fresh water resources.

Simple! Effective! Low Cost!



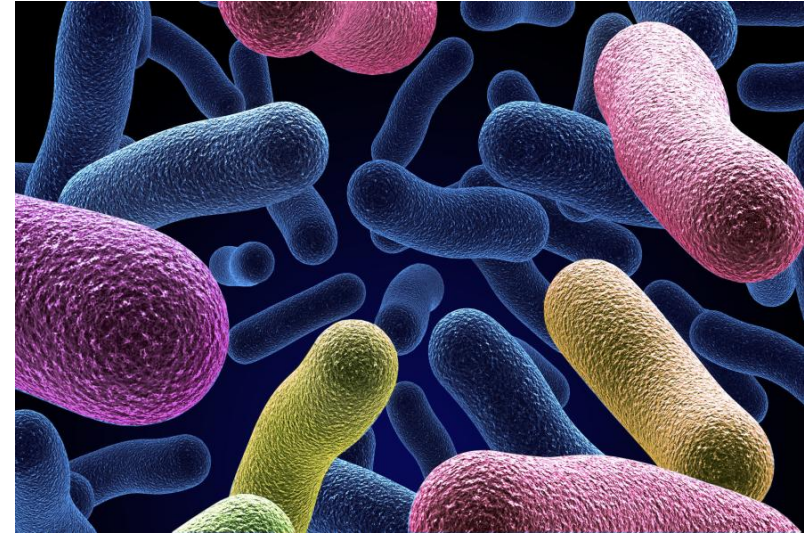
In **Rural Areas** it is important that **Simple Technologies** that are easy to use can be operated without much technical know-how needed.

The **Price Factor** is also important as technologies with high operational and recurring costs might not be affordable.



NAQWA CHALLENGES

- Most Dangerous Bacteria
- Water Born Diseases
- Water Antioxidation
- Water Structuring
- Drinking Water Crisis
- Plastic Bottle Waste



NAQWA FEATURES

✓ **The safest "open" type water filter!**

No bacteria growth is possible inside NAQWA SWR (patented). You can never be sure with other more than 90% of "closed" type water filters on the market

✓ **Human Cell Nano Technology**

The NAQWA recoverer utilizes the water processing technology of a human cell!

✓ **Instant water recovery**

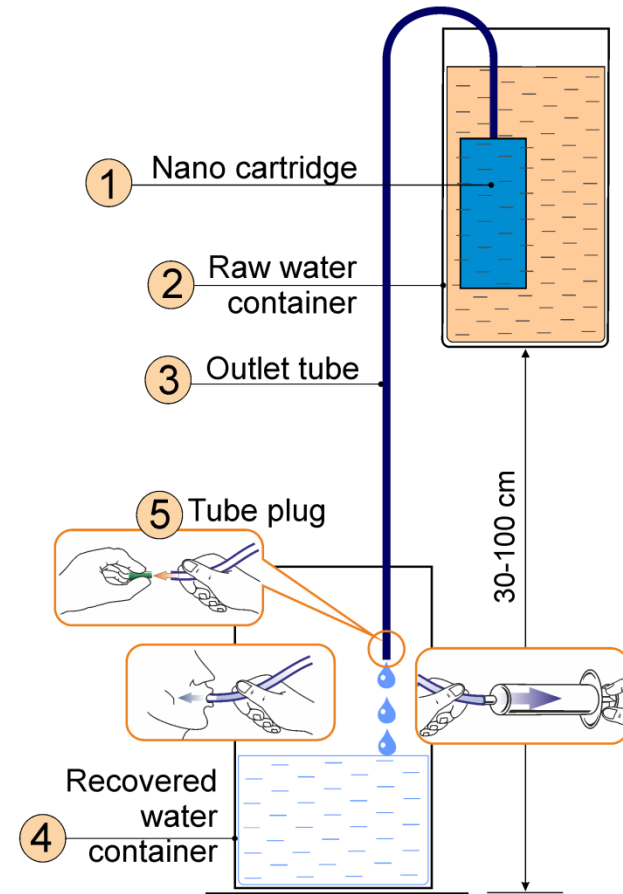
✓ **Green:** No chemicals used

✓ **Productive:** up to 50L/day

✓ **High Capacity:** up to 20 000L

✓ **Easy to Clean Cartridge**

✓ **Portable**



— Fig.1 —

CERTIFICATION TESTS



Organism	Pre-filtration (cfu/100mL)	Mean Count (cfu/100mL)	Post-filtration (cfu/100mL)	Mean Count (cfu/100mL)	Percentage (%) Reduction	Log reduction (Log Pre – Post Counts)
E. coli NCTC 8196	500,000	470,000	0 – 360	0 – 390	99.99999 - 99.92	7.0 - 3.1
	450,000		0 – 410			
E. coli ATCC 8739	380,000	390,000	0 – 303	0 – 290	99.99999 - 99.93	7.0 - 3.1
	400,000		0 – 272			
E. cloacae NCTC 10005	680,000	660,000	0 – 660	0 – 640	99.99999 - 99.90	7.0 - 3.0
	640,000		0 – 625			
P. Aeruginosa ATCC 9027	210,000	210,000	0 – 20	0 – 16	99.9999999 - 99.99	9.0 - 4.1
	210,000		0 – 12			

The results obtained indicate that “Series NAQWA SWR Track Membrane Filter” achieved a log reduction of up to **log.9 (99.9999999% reduction)** against the above prescribed test organisms when tested according to international methodologies outlined in 20/30 Labs (UK) and Silliker (Australia) Protocols. The test results are under verification by EU European Environmental Commission.



NAQWA PERFORMANCE

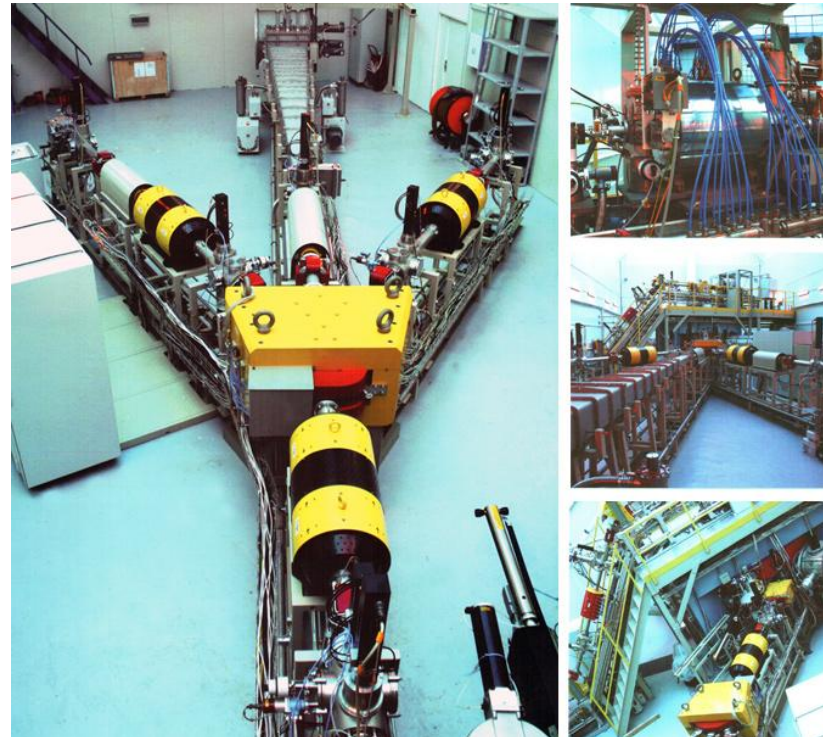
Contaminants	Purification level, up to
Bacteria (cholera vibrio, coli bacillus and salmonella)	99,99 – 99,99999...%
Pesticides	90%
Iron (total)	85%
Colority	80%
Turbidness	90%



NAQWA TECHNOLOGY

The core element of NAQWA SWR is a **Nano Track Membrane** of 0.2-0.4 μm in diameter.

NAQWA track membrane is produced in **Heavy Ions Colliders**.



Track membrane production facilities.

NAQWA PRODUCTION



NAQWA SWR is currently produced in Russia (Obninsk) and Kazakhstan (Astana)

NAQWA TESTS

NAQWA SWR is tested in the following countries.



Russia



Kazakhstan



Australia



India



UK



Indonesia



Republic of Korea



Nigeria



Vietnam



Ghana

NAQWA DISTRIBUTORS

**RUSSIA**

NAQWA Ltd

**REPUBLIC OF KOREA**

NAQWA Ecotap Co, Ltd

**USA**MI-Hope, Inc.
Living Water USA**EU & UK**TransInvest Environmental
Perfect Aqua Ltd**CHINA**Shining Resources
(Holdings) Co., Ltd**KAZAKHSTAN**NAQWA Kazakhstan LLP
Kaz Track Technology LLP**AFRICA**Stoneguard Group
Perfect Aqua Ltd**INDONESIA**

PT Naqwa Indonesia





Tested:



NAQWA ANNUAL

- ✓ **GET FREE** up to **20 000L** of Pure Drinking Water!
- ✓ **REDUCE** up to **100 tons** of Carbon Emission!
- ✓ **SAVE** up to **60 000 Plastic Bottles**!



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Thank You!