



WE MAKE  
**DRINKING WATER RECOVERERS**™



RF Patent #129413  
RF Patent #81722

(In partnership with Excellence Engineering Pvt. Ltd., New Delhi)

[WWW.NAQWA.COM](http://WWW.NAQWA.COM)



# NAQWA SWR

## Naqwa Drinking Water Recoverers

## APPLICATION

- Rural Water
- Emergency
- Military
- Travelling

Tested:



## 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!



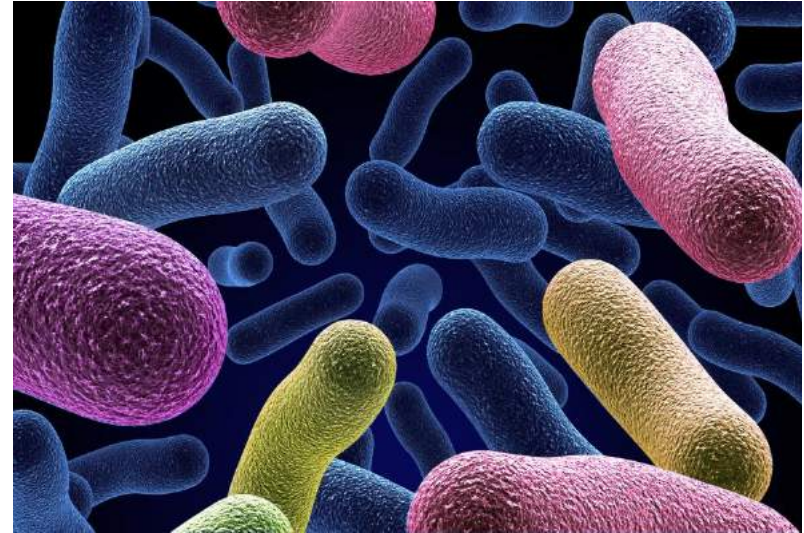
In **Rural Areas** it is important that **Simple Technologies** that are easy to use can be operated without much technical know-how needed.

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**

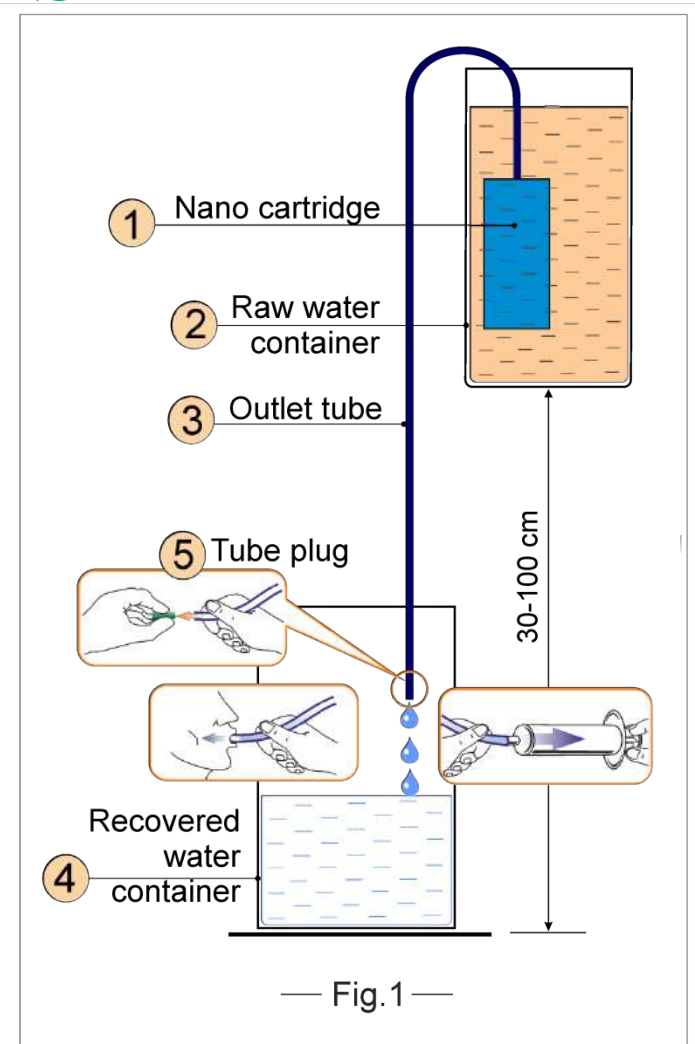
✓ **Green:** No chemicals used

✓ **Productive:** up to 50L/day

✓ **High Capacity:** up to 20 000L

✓ **Easy to Clean Cartridge**

✓ **Portable**



# 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%

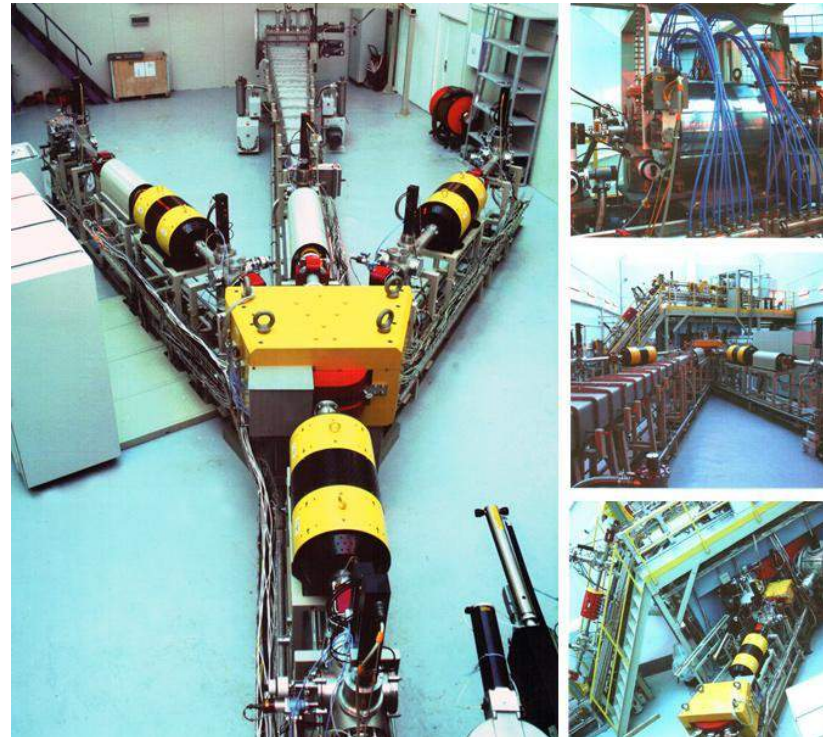




# NAQWA TECHNOLOGY

The core element of NAQWA SWR is a **Nano Track Membrane** of 0.2-0.4  $\mu\text{m}$  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



**USA**

MI-Hope, Inc.  
Living Water USA



**CHINA**

Shining Resources  
(Holdings) Co., Ltd



**AFRICA**

Stoneguard Group  
Perfect Aqua Ltd



**REPUBLIK OF KOREA**

NAQWA Ecotap Co, Ltd



**EU & UK**

TransInvest Environmental  
Perfect Aqua Ltd



**KAZAKHSTAN**

NAQWA Kazakhstan LLP  
Kaz Track Technology LLP



**INDONESIA**

PT Naqwa Indonesia







# 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!**

Tested:





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**Thank You!**