

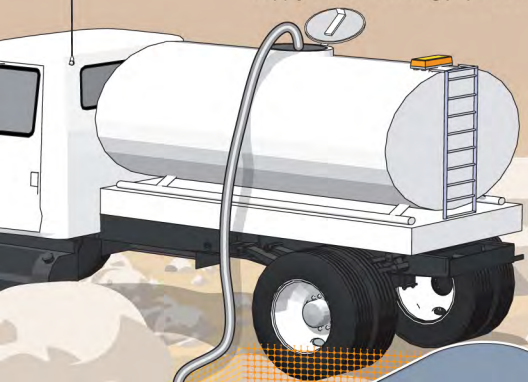
# AQUAFORCE 500

A mobile water treatment unit used by Veoliaforce volunteers during emergency situations in remote areas that are difficult to access. The Aquaforce 500 can supply 15 liters of safe drinking water per person per day\* for up to 2,000 people.

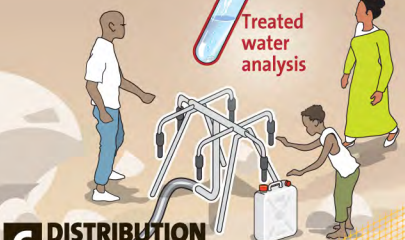
\* WHO (World Health Organization) recommendation.

## TRUCKING

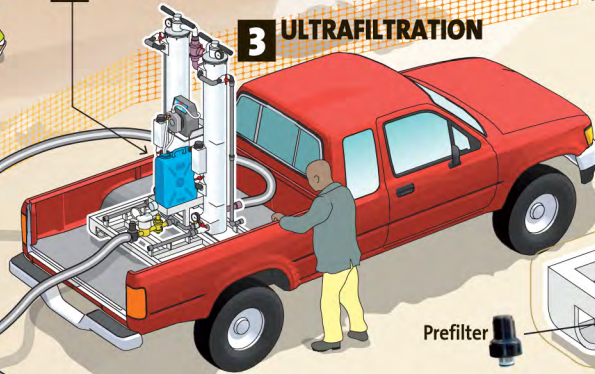
The water is transported by tankers to supply the surrounding population.



## 6 DISTRIBUTION



## 4 DISINFECTION



## 3 ULTRAFILTRATION

### Dosing pump

Injection of chlorine solution into treated water

Reserve of chlorinated water for membrane washing

Reserve of chlorine solution

Pressure regulator

Prefilter

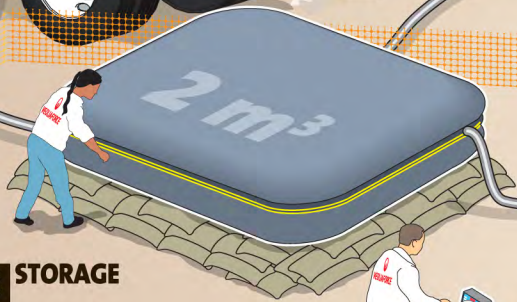
RAW WATER

Meter

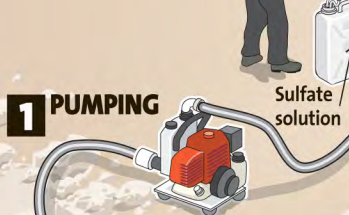
FILTRATION

TREATED WATER

## 5 STORAGE



## 1 PUMPING



## 2 INJECTION OF ALUMINUM SULFATE



Sulfate solution

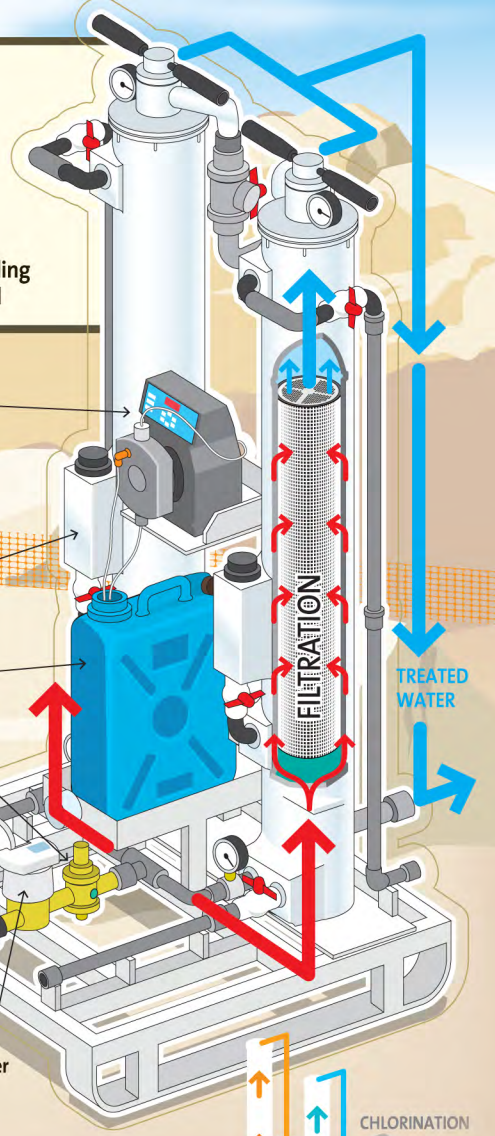
Raw water analysis

## FILTRATION

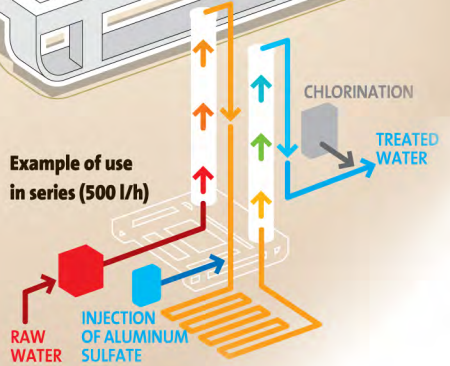
Example of use in parallel (2 m³/h)

Membrane filtration removes all suspended solids and most pathogenic microorganisms contained in the water.

- 15 liters per day per person
- Capacity of 500 to 2,000 people, depending on the quality of the water to be treated



Example of use in series (500 l/h)



## LOGISTICS

The optimal weight, ergonomics, robustness, packaging and ease of use of the Aquaforce 500 make it easily transportable by plane or pick-up truck.



- 250 kg of material
- Volume of 2.5 m³
- 2 h for assembly

