

# WaterStep

Save Lives with Safe Water



## WOWCart

EPA researchers partnered with WaterStep to develop an emergency mobile water treatment system called Water on Wheels, or WOWCart.

"Following a natural disaster, communities need access to clean water for not only drinking, but for mobile kitchens, showers, laundry, and medical triage," senior science advisor at the U.S. EPA Office of Research and Development, Jim Goodrich, Ph.D., said. "Bottled water is impractical for these needs and also creates a large solid waste problem... the WOWCart can address a wide range of germs and harmful chemicals, making water safer."

In addition to producing 10k gallons of safe water daily, this patented system produces a chlorine bleach solution for mold removal and general sanitation.

Learn more at:  
[waterstep.org/technology/wow-cart/](http://waterstep.org/technology/wow-cart/)

## 5 WOWCART FACTS

### 1. Multi Source Safe Water

Connect to municipal water lines, or pull from local streams, lakes, or rivers to reduce traffic and waste from tankers and plastic bottles.

### 2. 10K Gallons of Safe Water Daily

Treat water and fill bladders, tanks, or tanker trucks and distribute up to 10K gallons daily.

### 3. Remove Pollutants & Chemicals

Carbon filtration removes petroleum and heavy chemicals. Additional filtration options available.

### 4. Continuous Bleach Production

Black mold is a major problem following flooding events. Produce medical-grade bleach on-site for use in clean-up and medical efforts.

### 5. Compact & Easily Portable

Fits into a truck bed and can be transported and moved by just two individuals.

EPA RESEARCH



WEBSITE

HOW IT WORKS



VIDEO

WATERSTEP



WEBSITE

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## WHAT WE DO

WaterStep develops and deploys patented, scalable, and sustainable solutions to the global water, sanitation, and hygiene (WASH) crisis.

We work where infrastructure is fragile and execution is challenging, due to disasters, poverty, or war. We empower communities to manage and produce safe water and disinfectant themselves. Not temporarily, but permanently.

## WHY WE DO IT

The U.N. reports that annually, more than 3.5 million die due to inadequate water access, sanitation, and hygiene. Most are children under five years old.

WaterStep has the solutions to this crisis today. With your help, we can rewrite the water story for the 2 billion that still lack safe water today.

## HOW TO SUPPORT:

### 1. Donate Online:

[WaterStep.org/donate](https://WaterStep.org/donate)

### 2. Check by Mail:

625 Myrtle Street, Louisville, KY 40208

### 3. Stock Gift:

Transfer shares of company stock  
Contact [sherri.hamilton@waterstep.org](mailto:sherri.hamilton@waterstep.org)

### 4. Donor Advised Fund:

Contact fund advisor to find out how

### 5. Legacy Gift:

Transfer shares of company stock  
Contact [kellie.moore@waterstep.org](mailto:kellie.moore@waterstep.org)

MORE THAN

# 5k

PROJECTS

MORE THAN

# 15 million

LIVES IMPACTED

WORKING IN

# 72

COUNTRIES



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