



# Improving Health and Hygiene with Safe, Clean Water Sources

QTS partners with World Vision to bring a clean water point and healthful practices to Makusa B, Zambia

Access to unpolluted water is essential to a healthy life, offering hydration and the ability to cook, bathe, handwash and grow food. Yet, more than a quarter of the population lacks safe drinking water, and nearly 50% lacks access to effectively managed sanitation systems.<sup>1</sup> QTS is doing its part to provide developing countries with clean water to help promote health, wellness and prosperity.

## QTS's Operational Commitment to Water Conservation

As QTS continues to grow, it remains committed to sustainability and water conservation, aiming to make a meaningful difference through responsible business practices, technology and innovation. QTS's Freedom Standard Data Center Design utilizes a water-free cooling system that delivers a Water Usage Effectiveness (WUE) of 0 for data center operations. To conserve water in its legacy facilities, QTS employs additional water-saving and reuse

practices, including rooftop rainwater collection systems and reclaimed water programs.

However, QTS's water conservation efforts reach beyond its data center operations, taking a philanthropic approach to support global communities facing water crises.

## Funding Safe, Clean Water Points

QTS's success-based giving program aligns QTS's business success with charitable giving. Partnering with [World Vision](#), a world leader in humanitarian efforts, QTS makes monetary donations based on customer contracts to provide clean water to in-need individuals and communities across the globe. Through its Water Fund program, QTS supplies clean drinking water to three people for every 100kW of customer-contracted power, continuing the donation for the life of each contract.

For larger, 12+MW contracts, QTS finances the construction of a

sustained clean water source, such as a well or water point, for the duration of each contract, providing an entire community with a long-term supply of clean water. To date, QTS has subsidized 23 water points, supporting over 65,000 individuals, including those in a region called Makusa B, Zambia in September 2024.

## Making a Difference in Makusa B

Located in south-central Africa, Makusa B lacked local access to uncontaminated water, threatening the village's well-being, hygiene and food security. Using the funds granted through QTS's success-based giving program, World Vision built a water hole for this impoverished community, supplying 126 people with a safer, more accessible source of clean water to support a healthier future.

## Fostering Sanitation and Hygiene

To multiply the benefits of the water point, World Vision helped the Makusa B village build and maintain

1. United Nations' World Water Development Report 2024.

latrines. They also introduced sanitation and hygiene practices such as handwashing with soap. By establishing healthy habits, the people of Makusa B took critical steps toward preventing the spread of illness and disease and decreasing mortality rates.


#### Improving Quality of Life

Clean, accessible water sources can also help improve quality of life. Without a local water supply, women and girls trekked miles to the nearest water hole to collect water for their families. This time-consuming and arduous task left girls with limited time for school. With accessible water, the girls of Makusa B have more time to dedicate to education.

Sufficient, local water also supports the Makusa B community's ability to grow its own food, fostering better nutrition, overall health and self-sufficiency.


#### Promoting Local Ownership

A committee of Makusa B community members were also trained to manage and maintain the water point and sanitation system to encourage autonomy. This guidance helps preserve the cleanliness and effective operation of the water system, ensuring the availability of clean water for future generations.



QTS's support in water scarce communities aligns with the **United Nations Sustainable Development Goal 6:**

Clean Water and Sanitation, focusing on  
**"universal access to clean water and sanitation by 2030."**



#### Making a Life-enriching Impact on Global Communities

The QTS and World Vision partnership leaves a lasting legacy in water-scarce communities, changing lives for the better and fostering healthier futures.

*"QTS's generous support has helped World Vision provide clean water access in Makusa B and many other vulnerable communities. Together we have improved the lives of thousands of people," said Dr. Greg Allgood, Vice President of Water and Health at World Vision. "We're grateful for QTS's partnership and concern for those in need across the planet."*

**23** water points funded since Q4 2020 (as of Q4 2024)

**65K** individuals supported

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#### ABOUT QTS DATA CENTERS

QTS is a global data center leader with unrivaled access to scalable infrastructure across North America and Europe. Powered by people and driven by purpose, QTS provides state-of-the-art data center solutions, robust connectivity and premium customer service to leading hyperscale technology companies, enterprises and government entities. QTS is a Blackstone portfolio company.

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