

# Air To Water



## Who is AWG Contracting?

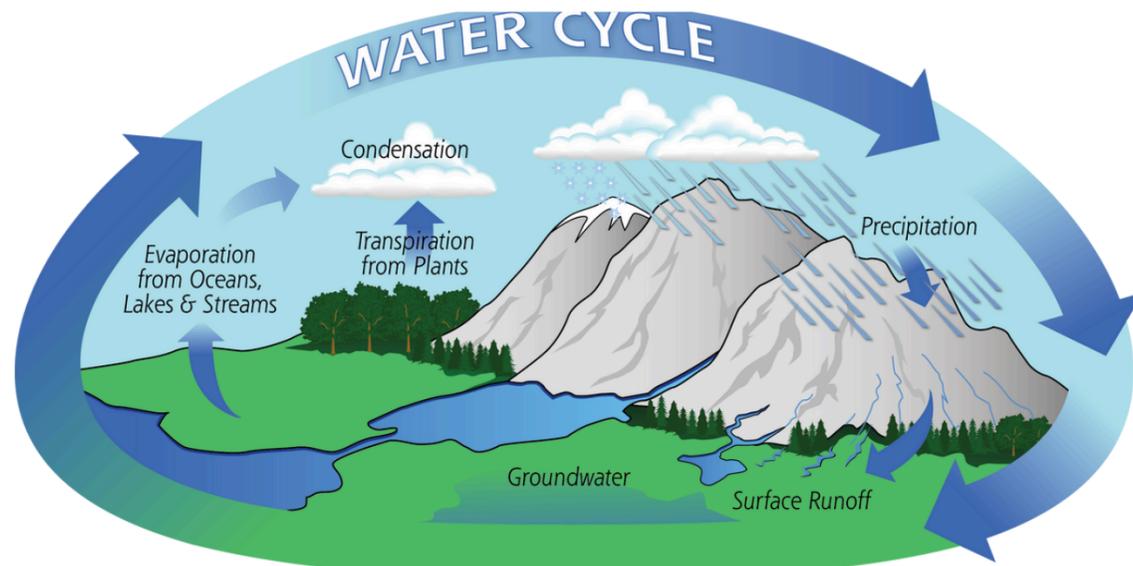
UEI: G29NGWJAAMC5

- We manufacture and deploy scalable atmospheric water generators (AWGs) that produce clean drinking water from air—validated by the U.S. military and tested to the highest water safety standards.
- Based in Pennsylvania, veteran-led, and built for resilience—our systems can run off-grid, meet top-tier safety standards, and scale from small to industrial applications.
- Our technology is field-tested, military-validated, and ready for global and domestic markets facing water insecurity.
- Service-Disabled Veteran-Owned Small Business (SDVOSB) & 8a Applicable



# What Is Atmospheric Water Generation?

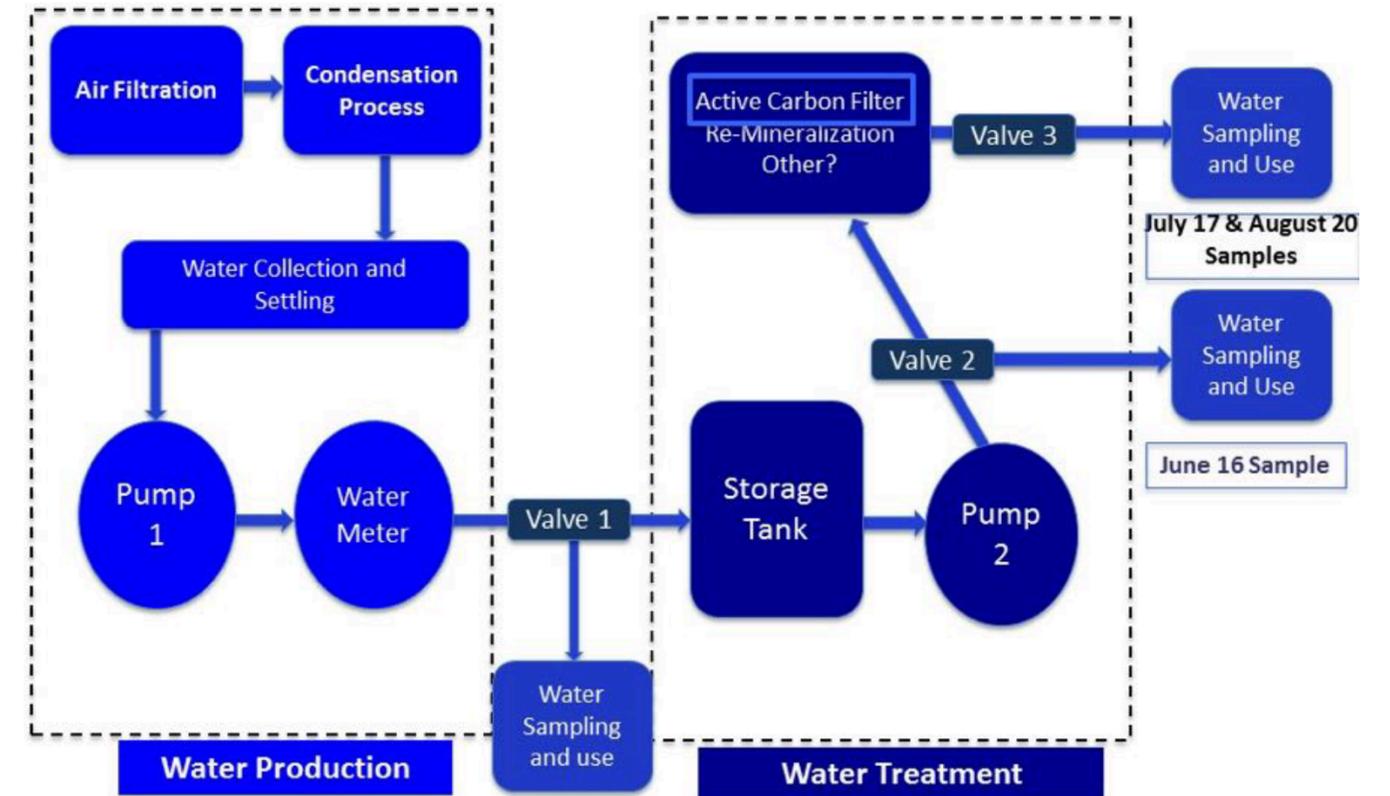
*Point-of-need water generation. No pipes. No trucks. No waste.*



EMULATING NATURE'S HYDROLOGICAL CYCLE

- Our AWG units & facilities extract moisture from the air and purify it into clean drinking water through patented processes to ensure purity every step of the way.
- Eliminates costly logistics—no need for trucking, bottling, or piping.
- AWGC's systems produce water even in low-humidity environments.

(15% RH+)



- In Puerto Rico, post-Hurricane Maria, FEMA spent \$363 million to ship water. Our AWG5000 ran daily on-site, serving 15,000+ people without costly logistics.
- Units operate off-grid with solar, battery, or generator support—ideal for remote, disaster-struck, off-pipe areas, medical support, and residential fixtures.

## What Makes Us a Leader

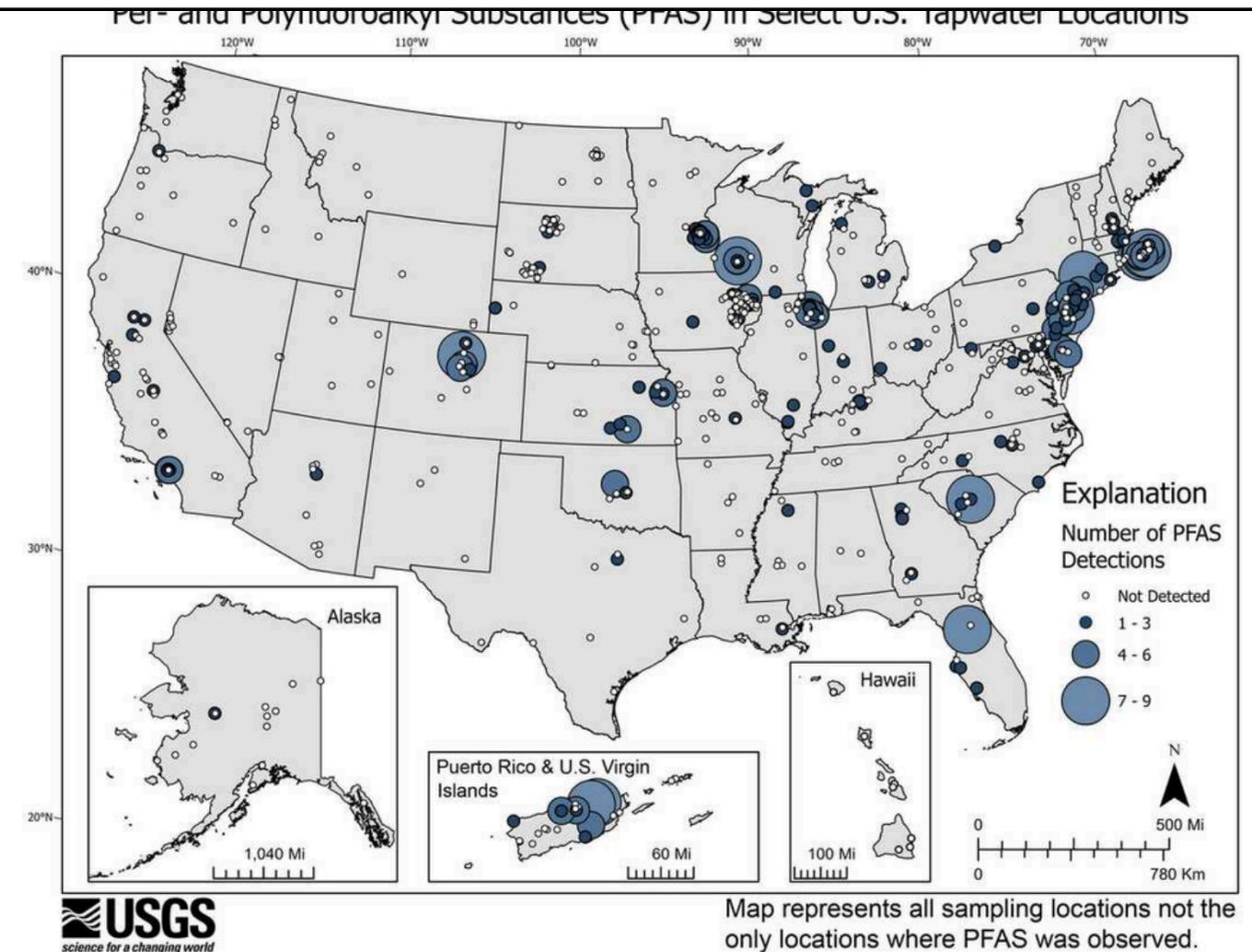
- In 2012, Moses West developed the first scalable, industrial-grade AWG system. By 2018, AWGC holds three patents. (WIPO, USPTO)
- Pioneered deployment of AWGs in disaster response and municipal failure zones.
- Our systems are some of the most energy-efficient available: under **0.08 kWh** per liter.
- Exceeds EPA and WHO standards—tested for 29+ PFAS compounds. **Microplastic Free. Zero Contaminants.**
- Validated by U.S. Army Research Lab, Texas Commission on Environmental Quality, and the Lower Colorado River Authority
- First to operate mobile industrial scale AWG units globally: Puerto Rico, Mississippi, Michigan, Texas, Pennsylvania, North Carolina, Pacific islands, Jamaica and the Carribbeans
- Supplier to U.S. military, The United Nations, SupplyCore, and humanitarian partners for over a decade.



# The Problem We Aim to Solve

*Water Insecurity Is Widespread, Expensive, and Increasing.*

- Traditional infrastructure is slow, costly, and often unavailable for months or years during development. Deferred water infrastructure maintenance in the US totals over \$1 trillion to date and climbing.
- 2.2 billion people globally lack access to safe drinking water (WHO, 2023). 46 million USA residents lack access to safe drinking water.
- In the U.S., nearly half of tap water contains PFAS—“forever chemicals” linked to cancer and health risks (USGS, 2023)
- Access to clean water provides much needed community function.
- FEMA spent **\$363 million** on logistics to bring plastic bottled water into Puerto Rico after Hurricane Maria.



## Water System Upgrades Could Require More Than \$1 Trillion Over Next 20 Years

EPA studies show how aging infrastructure and climate change are driving increasing financial needs

ARTICLE | September 5, 2024 | By: Mollie Mills & Aleena Oberthur | Read time: 4 min  
Projects: [Public Sector Retirement Systems](#)

## The Market Opportunity

*High Demand. Low Competition.*

- The global water tech market is projected to surpass \$1 trillion by 2030.
- Growing demand for off-grid, decentralized water solutions—driven by climate, conflict, and infrastructure breakdown.
- Atmospheric Water Generation is a rising sector with few true industrial-grade competitors.
- Target verticals:
  - Disaster relief and emergency preparedness
  - Military and government agencies
  - Industrial and remote work sites
  - Agriculture, medical, and off-grid living
  - Bunkers and Shelters
- AWG Contracting is one of the only companies in the United States with proven deployments and scalable capabilities.

WIPO (WO 2019157067A1)  
USPTO (US 20190242098A1)  
USPTO (US 20150107281A1)



DEPARTMENT OF THE ARMY  
PUERTO RICO ARMY NATIONAL GUARD  
JOINT TASK FORCE PUERTO RICO  
BUILDING 546 FORT BUCHANAN  
GUAYNABO, PR 00934-4069

05 March 2018

Moses West  
Paladin Water Technologies  
9330 Gloxinia Dr.  
San Antonio, TX 78266

Dear Mr. West:

On behalf of the Puerto Rico National Guard I want to thank you and recognize the efforts of Paladin Waters Technologies for your dedication and commitment to provide clean potable water for the residents of Vieques, Puerto Rico. You have demonstrated excellent atmospheric water generation over the last several months, also a remarkable and enduring devotion to the citizens of the island that lacked this essential resource. The ability to produce thousands of gallons of potable water for the citizens of Vieques, even in this harsh environment conditions and variable electrical power speaks highly of the resilience and reliability of the unit and your dedication. This can transcend outside of Vieques and aid the community of Puerto Rico as well.

I thank you for your dedication to excellence and look forward to our continue interactions as we attempt to assure a safe and resilient source of drinking water that meets the needs on Vieques and surrounding communities.

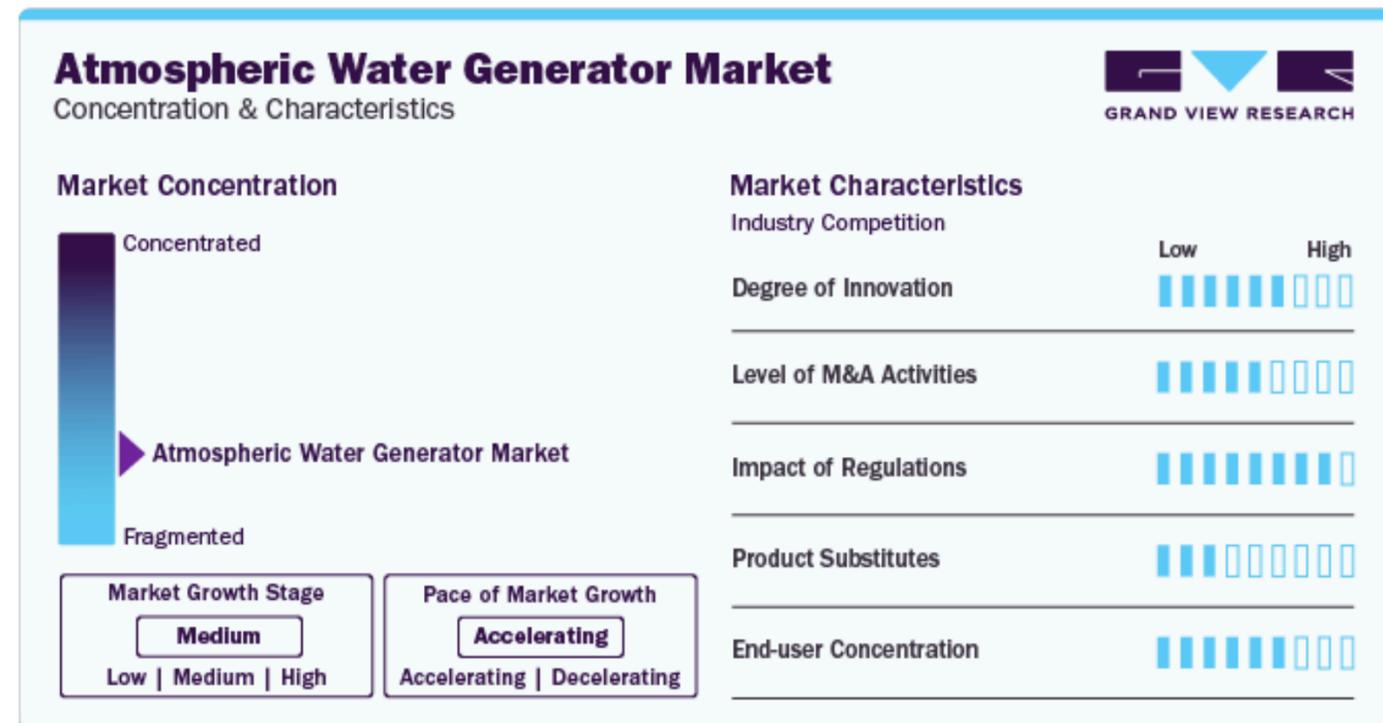
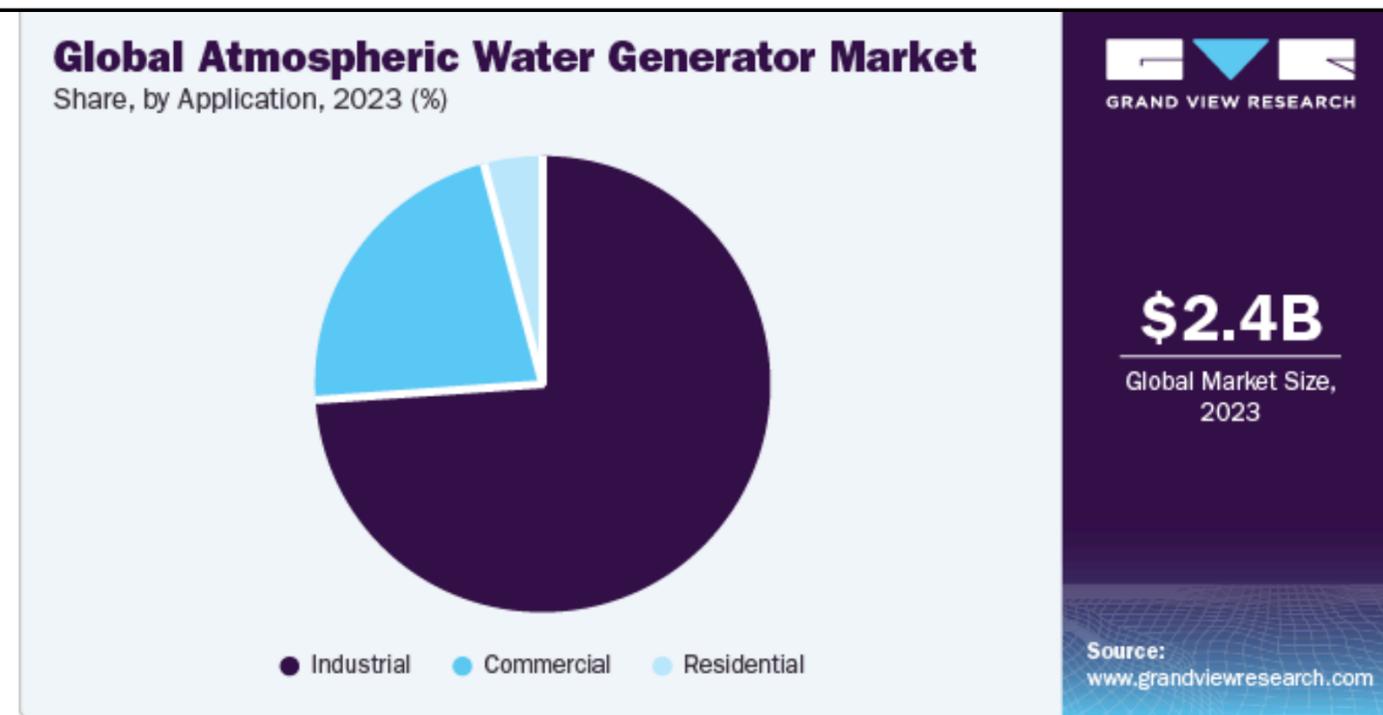
Sincerely,

Edwin R. Cuevas  
2LT, MP  
JTF-PR

# The Market Opportunity (Cont.)

*Our Focus: The Largest and Most Underserved Segment*

- Our water is **process-ready** for industries where water quality isn't optional.
- We eliminate the need for:
  - Reverse osmosis systems
  - Chemical treatments
  - Multi-stage filtration setups
- Medical, pharmaceutical, advanced tech, and lab sectors spend millions just to meet baseline purity.
- We deliver that quality on-site, reducing cost, complexity, and downtime.
- In a fragmented, innovation-driven market, this is our edge: **ultra-clean water** that replaces entire systems.



# Why We're Positioned to Lead

*Field-Tested. Scalable. Ready Now.*

- Over a decade of R&D and deployment—first industrial AWG system built in 2011.
- Deployed with the U.S. military, validated by EPA, ARL, TCEQ and the United Nations (Designated SDG #49191).
- Manufactured in Northeast Pennsylvania, USA with capacity to scale.
- Proven results in the most challenging environments.
- Protected IP, unmatched efficiency, and direct relationships with buyers.
- We're already delivering clean water where it's needed most with over 5 million gallons of water provided for humanitarian purposes to date.

Supported By:



# The Moses West Foundation

*Where Science and Humanitarianism Intersect*

## Clean Water. Global Impact.

- Veteran-led 501(c)(3) public charity (509a2) recognized by the United Nations (SDG Action #49191 #52008) for advancing global water sustainability.
- Leverages AWG Contracting's patented technology to produce pure water from air, off-grid, with zero contaminants where its needed.
- Over 5 million gallons of clean water delivered to crisis and underserved areas — from Puerto Rico to Flint to Hawaii.
- Recognized by:
  - U.S. Veterans Hall of Fame (2023)
  - King Foundation's Beloved Community Awards (2022)
  - Speaker at the United Nations 2023 Water Conference (2023)
  - Speaker at SXSW2023; Ernst & Young Speaker (2023)
  - Mayoral Invitation in New York City (2024)
  - Emmy Winner - 'Modern Moses' for work in Vieques (2019)
  - FEMA & The Red Cross for Humanitarian Aid (2020)



## About Our Founder

### Moses A. West

#### *Veteran, Inventor, and Humanitarian*

- *Retired U.S. Army Ranger Captain (Promotable) with over 20 years of service in leadership and logistics.*
- *Grew up between the U.S. and post-war Germany, gaining early awareness of inequality and global infrastructure challenges.*
- *Witnessed firsthand how water scarcity impacts communities during military and humanitarian operations.*
- *After retirement, dedicated his engineering expertise to solving one of humanity's greatest needs — access to clean, safe water.*

*“We don’t wait for water to reach people — we bring the water to them.” - Moses A. West, Founder.*



# Recent Deployment Map



**WE'RE BUILDING A FUTURE WHERE EVERY COMMUNITY CAN GENERATE  
ITS OWN CLEAN WATER.**

**SUSTAINABLY, LOCALLY, AND INDEPENDENTLY.**

**LET'S WORK TOGETHER TO MAKE THAT FUTURE REAL.**

---

## **Connect With Us:**



**Colin Hutzler**

Chief Business Officer / Head of Partnerships

Colin@awgcontractingus.com