



Pure Water Brewing Alliance:

"Water should be judged by it's quality, not history"

www.purewaterbrewingalliance.org

Pure Water Brewing Alliance

What Is the Pure Water Brewing Alliance?

The Pure Water Brewing Alliance (PWBA) is a group of utilities, brewers, engineering firms, and technology companies involved in brewing beer with recycled water.



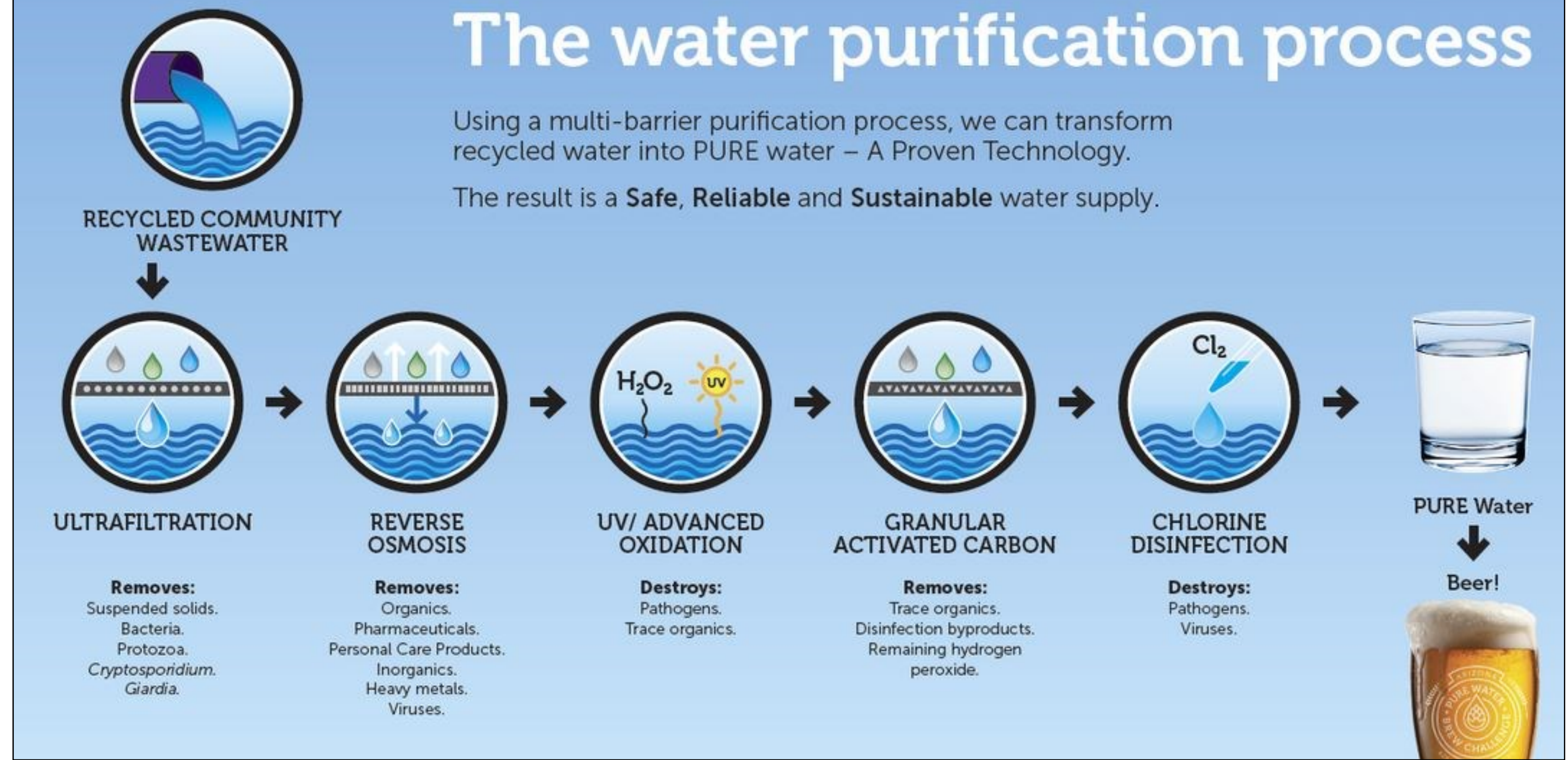
What Is Pure Water Brew?

Pure Water Brew is the world's most sustainable beer made from 100% pure recycled water. It is a collaboration between pioneering brewers and water utilities who have teamed up to build public understanding of the water cycle, showcase water treatment, and advance water sustainability.

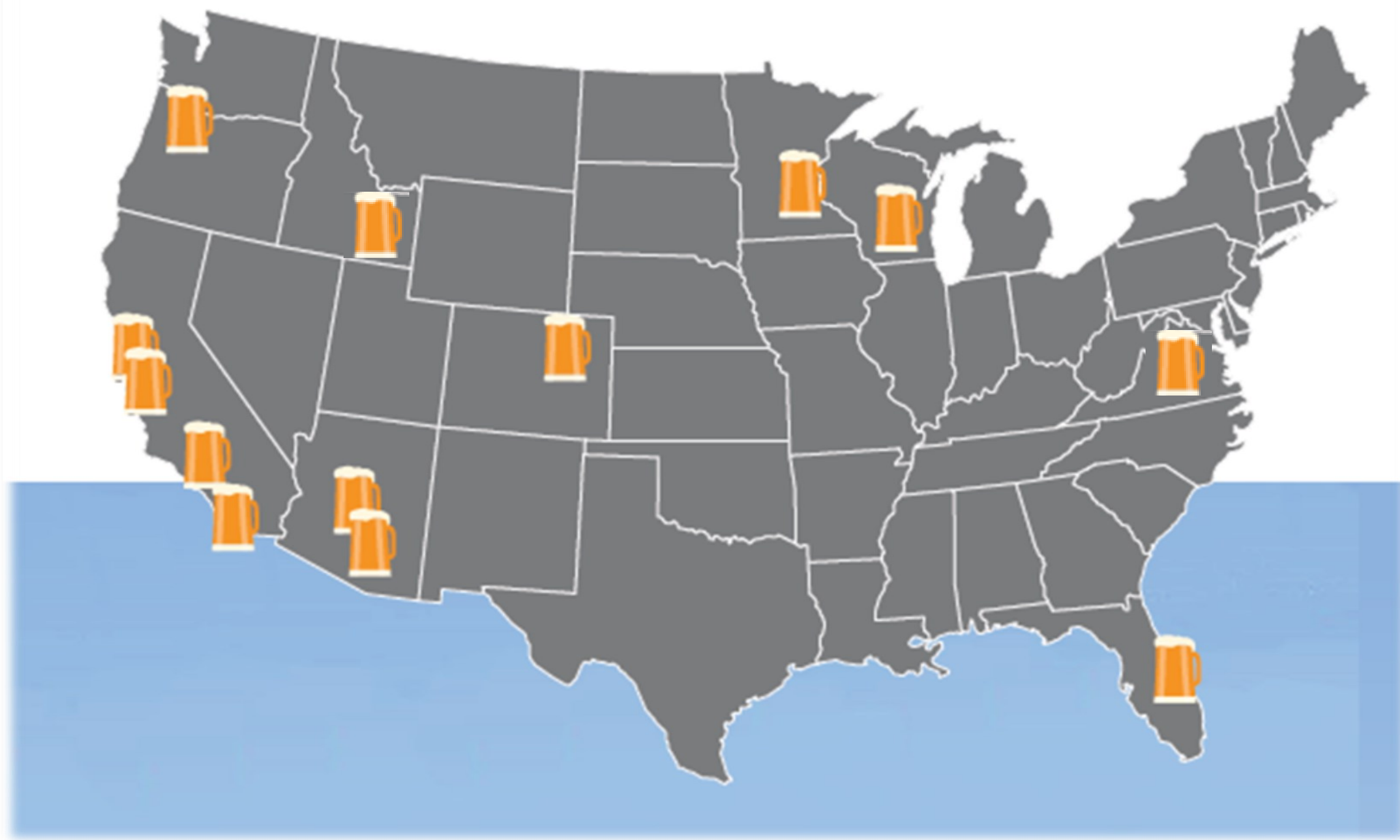
Why Do We Need Recycled Water?

Water resources are strained by aging infrastructure, population growth, pollution, and climate change. Reusing water is a vital part of the solution. Recycled water is being used efficiently and safely in locations where an additional water resource is needed. It's part of a sustainable future.

The water purification process



Where we are...



The Pure Water Brewing Alliance has partnered with water utilities, engineering firms, homebrewers, and craft brewers throughout the United States, sharing Pure Water Brew made in: California, Oregon, Arizona, Idaho, Colorado, Minnesota, Wisconsin, Florida, and Virginia!

Pure Water on Wheels!



AZ Pure Water Brew (Pima County, AZ) and Clean Water Services Pure Water Brew (Hillsboro, OR) are hitting the road in their "mobile purification truck" and "Pure Water Wagon"!

The mobile showcase of water purification technology is changing how people nationwide think about the water they drink. The trucks provide a close-up look at technology that produces some of the safest, cleanest water around.

The AZ Mobile Purification Truck can produce nearly 3 gallons/min of pure water, while the CWS Pure Water Wagon can produce 3-5 gallons/min.

PWBA Craft Breweries & Homebrewers

- Oregon Brew Crew – Oregon
- Cascade Brewing - Portland
- Half-Moon Bay Brewing Company - California
- Mavericks Brewing – Half Moon Bay, California
- Milwaukee Metropolitan Sewerage District
- Special Hoperations – Tampa, Florida
- Stone Brewing Company – San Diego, CA
- Seismic Brewing Company – Santa Rose, CA
- Ratio Beerworks – Denver
- Thunder Canyon Brewery – Tucson, AZ
- 1912 Brewing Company – Tucson, AZ
- Borderlands Brewing Company – Tucson, AZ
- Crooked Tooth Brewing Company – Tucson, AZ
- Dillinger Brewing Company – Tucson, AZ
- Dragoon Brewing Company – Tucson, AZ
- Iron John's Brewing – Tucson, AZ
- Public Brewhouse – Tucson, AZ
- Catalina Brewing Company – Marana, AZ
- Perch Pub and Brewery – Chandler, AZ
- Arizona Wilderness Brewing – Gilbert, AZ
- Saddle Mountain Brewing Co. – Goodyear, AZ
- Freak'N Brewing Company – Peoria, AZ
- Peoria Artisan Brewery – Peoria, AZ
- Mother Bunch Brewing – Phoenix
- OHSO Brewery – Phoenix
- Wren House Brewing Company – Phoenix
- Goldwater Brewing Company – Scottsdale, AZ
- McFate Brewing Company – Scottsdale, AZ
- Two Brothers Brewery – Scottsdale, AZ
- Oak Creek Brewing Company – Sedona, AZ
- Prison Hill Brewing Company – Yuma, AZ
- Dark Sky Brewing Company – Flagstaff, AZ
- Wanderlust Brewing Company – Flagstaff, AZ
- Historic Brewing Company – Flagstaff, AZ
- Granite Mountain Brewing – Prescott, AZ
- Lone Tree Brewing Company – Denver
- Lost Highway Brewing Company – Denver
- 105 West Brewing Company - Denver
- Declaration Brewing - Denver
- Carlsberg - Copenhagen

History of Pure Water Brew



2014: Clean Water Services (CWS) and the Oregon Brew Crew homebrew club held the first Pure Water Brew Competition. The winner's beer was sampled at the WaterReuse reception at WEFTEC in New Orleans, LA.



2015: Half Moon Bay Brewing Company (CA) used NASA water recycling technology to brew their Mavericks Tunnel Vision IPA with recycled water.



WEFTEC 2016: 2nd "Sustainable Beer" Smackdown, featuring beers from CWS's Pure Water Brew Competition, homebrewers from Milwaukee MSD, Hillsborough County (FL), and CDM Smith (CA).



March 2017: Stone Brewing partners with Pure Water San Diego (CA) to develop the limited edition "Full Circle" Pale Ale, which was served at an event hosted at the Stone Brewing World Bistro & Gardens in Liberty Station.

May 2017: The Pure Water Brewing Alliance presents at the sustainability session at the 2017 Craft Brewers Conference in Washington, DC.



September 2017: CH2M partners with three Colorado craft breweries to brew beer from reuse water from the AZ Pure Water Brew mobile purification truck. The beer is tested at CH2M's "ReuseFest" in Denver.



April 2018: Declaration Brewing Company (CO) teamed with the PureWater Colorado Demonstration Project to create the Centurion Pilsner, the first commercially sold "reuse" beer.



July 2018: CWS Pure Water Brew participated in Singapore Water Week's NEWBrew Taste Challenge, along with NEWater and Singapore PUB.



August 2018: The Water Environment Federation's homebrewer Patrick Dube, brewed special WEFTEC edition beers "What Hoppins at WEFTEC" and "of Kolsch it's Reuse" with purified water from Alexandria Renew (VA).

April 2019: Pure Water Brewing Alliance participated in its 3rd Craft Brewers Conference in Denver, CO. PWBA also hosted a workshop for water and wastewater utilities and regulators on promoting water reuse through beer.



WEFTEC 2019: The Pure Water Brewing Alliance Beer Garden moves into the WEFTEC Innovation Showcase neighborhood at the world's largest annual water quality event.



2015: Wastewater professional and home brewer Theera Ratarsarn brewed multiple types of "Activated Sludge" using 100% Milwaukee Metropolitan Sewerage District's effluent.



WEFTEC 2015: First "Sustainable Beer" Smackdown, which was held during a session at the Innovation Pavilion titled, "Potent Potables: Reuse of Beer Brewing". The smackdown featured beers from Clean Water Services and Milwaukee MSD.



November 2016: Pima County Regional Wastewater Reclamation Department (RWRD) Southwest Water Campus wins the New Arizona Prize: Water Innovation Challenge with the AZ Pure Water Brew Challenge mobile purification truck.



April 2017: The Pure Water Brewing Alliance is formed as a way to bring different utilities, municipalities, and brewers together to promote water reuse and the related technology.



September 2017: Pima County (AZ) host the Arizona Pure Water Brew Challenge involving 30 commercial craft brewers at the 32nd Annual Water Reuse Symposium in Phoenix, AZ. The winner was Dragoon Brewing Company's "Clear Water Pilsner".



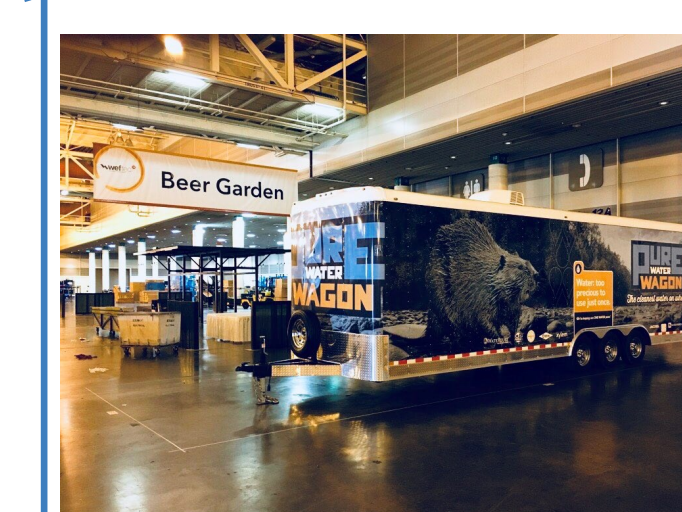
WEFTEC 2017: 3rd "Sustainable Beer" Smackdown, featuring beers from Dragoon Brewing Co. (CO, Clear Water Pilsner), CH2M (CO, 12-Log Coffee Lager), and various types from CWS's Pure Water Brew competition (OR).



May 2018: Pure Water Brewing Alliance had a booth and presented at the Craft Brewers Conference in Nashville, TN. The session was on water reuse and brewing and had over 150 attendees.



August 2018: City of Boise (ID) launches its own Pure Water Brew Boise Campaign with the help of AZ Pure Water. Three local breweries and one cidery participated in the first Pure Water Brew Boise and sold the beers at taproom events in October.



WEFTEC 2018: Shifting gears from the Smackdown, the conference featured the 1st Pure Water Brewing Alliance "Beer Garden". The Beer Garden also featured the CWS Pure Water Wagon, a mobile water purification truck.