



CAPACITY STATEMENT

Driven by Science. United by Passion.

About Clean Water Help

Clean Water Help is a U.S.-registered 501(c)(3) nonprofit that connects communities in need of clean water with water resource experts and cost-effective, life-changing solutions. We serve as **pro-bono technical advisors for local and international organizations** around the world, empowering on-the-ground partners to understand the problem, identify the best solutions, and successfully implement the most sustainable solution to make clean water a reality for impoverished communities. We also provide funding support, such as managing crowd funding campaigns and writing grants.

Our Core Differentiator

0% Salary / 100% Impact: Every member of CWH is a professional volunteer. All project expenses are publicly documented, and all board members, advisors, and volunteers are unpaid. Our founders personally cover all overhead costs, ensuring that 100% of public donations go directly to project solutions. Our volunteers are professional scientists and engineers that are passionate about using their skills to make the world a better place. The goal of Clean Water Help is to connect communities in need of clean water resources with our pro-bono technical advisors – providing solutions for people in need and a greater sense of purpose for our volunteers.

Core Competencies

 Safe Drinking Water	 Toxin-Free Water & Food	 Fishery Restoration
• Precision identification of bacterial and viral risks in each community (E. coli, cholera, typhoid, etc). • The design of practical treatment systems (Ultrafiltration, Chlorination, gravity membrane). • Development of systems for emergency disaster response and/or anticipatory action to provide safe drinking water.	• Identification, removal and/or detoxification solutions for arsenic, lead, and cadmium to protect developing brains. • Focus on practical solutions that can be produced by local communities such as biochar, bone char, and dolomite. • Provide miner education to reduce upstream contamination. • R&D to identify the best custom solutions.	• Water quality analysis and fishery issue assessment. • Watershed diagnosis and source mapping. • Remediation planning: aeration/oxygenation, phosphorus binding, biomanipulation, and/or watershed management. • Community education and partner support.

Our Approach: Science-Driven Impact

- **Science-Based Solutions:** We analyze the root of each issue—not just the symptoms—using principles from conventional water treatment, ecological engineering, and sustainable aquaculture to find the best combination of solutions for each community.
- **Partnering & Assisting for Great Impact:** We aim to help our partners obtain funding, preferring to provide assistance like grant writing support, solution evaluation, and technical support. This role allows our organization to stay lean, avoiding accounting and administrating burdens that could require paid staff, and to stay focused on doing what we do best – water resource science and engineering. Our focus also allows us to forge more efficient partnerships that result in faster and greater impact per dollar.
- **Community Empowerment:** Whenever possible, our projects are carried out by local companies and workers. This approach invests in the local economy, creates jobs, and empowers the community to maintain its own water resources into the future.

Highlighted Projects Across 5 Countries

Country	Location	Project Focus
Philippines	Mariveles, Tarlac, Mindoro	Practical drinking water solutions for rural communities
Philippines	Baguio	Development of an alternative for cyanide in the extraction of gold from mine tailings – protecting downstream water.
Cambodia	Kampt	Cost-effective, high-capacity ultrafiltration for rural schools
Cambodia	Siem Reap	Sustainable and resilient biosand filters for rural households
Congo	North Kivu	Practical drinking water solutions for a refugee community
Guatemala	Cerro de Oro	Safe drinking and medical water for an end-of-life facility
Ghana	Kumasi	Mercury, arsenic, lead, and cadmium removal from water and the local ecosystem. Miner education.

Our Team

Our team includes **45+ volunteer experts** — 25 PhDs and 6 Professional Engineers (PEs) with dozens of patents and hundreds of scientific journal articles. Every project team brings world-class expertise in water chemistry, pathology, water resource engineering, heavy metal remediation, microbiology, fisheries ecology, civil engineering, and community outreach. Our team has a diverse background, with more than 15 countries and 5 continents accounted for, providing local knowledge and coordination across Africa, Asia, Latin America, and Oceania.

Partnerships & Network

NGO Partners: PALPER (DRC), Nyankonton Aid Foundation (Ghana), YourAid and Karuna Cambodian Children Organization (Cambodia), Trailblazer Foundation (Cambodia), Gospel of Life Disciples & Dwellings (Guatemala).

Corporate Solution Providers: McCord Environmental, Inc. (environmental consulting), ISZA-trade (water treatment systems), LakeTech (water quality visualization software).

Why Partner With Us

Zero Overhead	Founders cover all admin costs; 100% of donations fund project solutions
World-Class Expertise	25+ volunteer PhDs, PEs, and published scientists across water disciplines
Full Transparency	All finances and project expenses publicly documented
Global Reach	Regional Water Ambassadors across Africa, Asia, Latin America, and Oceania
Holistic Approach	Address pathogens, heavy metals, and fisheries collapse as interconnected systems
Niche Specialty	We focus on the science and engineering, while helping you obtain funding and see more impact per dollar in the communities you work in.

CONNECT WITH US

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