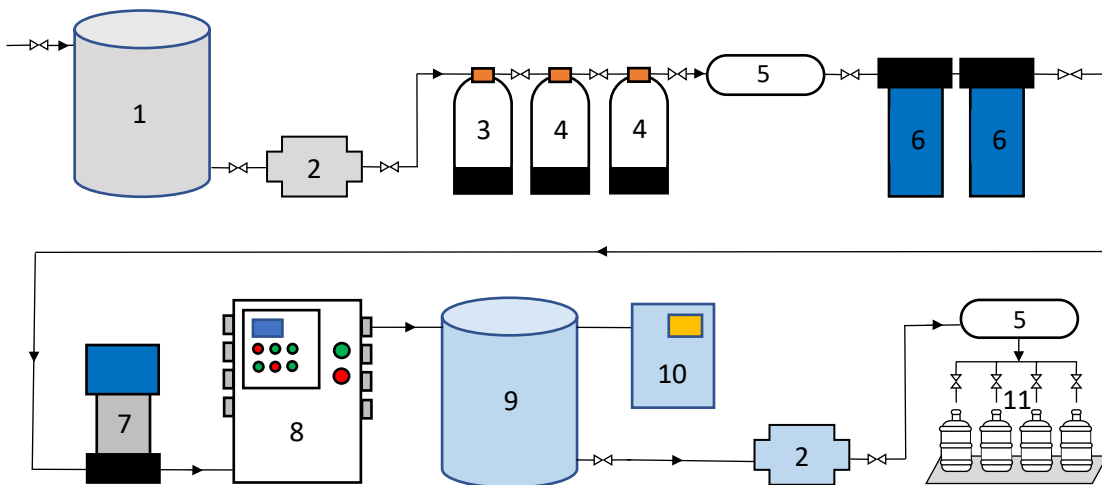


## The Water@Work Water Purification Process

Water@Work has spent over a decade learning what works best in purifying water in the Dominican Republic. Our technology is capable of producing 500 gallons per hour of clean, safe water from available water sources, with varying levels of bacteria, salt and hardness. All of our water plants are certified by the Ministry of Public Health in the Dominican Republic.

The source water first comes into the system and is stored in the dirty water tank (1) and is shocked with a dose of chlorine. Next, a pump (2) moves the water through a sediment filter (3) to clarify the water and then through water softeners (4) to improve the efficiency of the following purification components. Once clarified and softened, the water is irradiated with ultraviolet light (5). The water then is filtered once more through two additional (5 micron) sediment filters (6). The water is then dechlorinated with sodium meta-bisulfite (7) and sent through a high capacity reverse osmosis system (8). At this point the water is both microbiologically clean and free from any taste and mineral contamination. The water then flows into a clean water tank (9) with ozone utilized to maintain purity (10). A pump (2) pushes the water to the four-position bottle filling station after going through an additional irradiation via ultraviolet light (5) as redundant disinfection.



1. Raw source water with chlorine (bleach) injection
2. Water pump
3. Sediment filter
4. Water Softening
5. UV irradiation
6. Sediment filters
7. De-chlorination
8. Reverse Osmosis system
9. Clean water, white tank
10. Ozone addition
11. Four position bottle filling station