



66SUSTAINABLE AND INNOVATIVE SOLUTION FOR DRINKING WATER TO FLOOD HIT KERALA

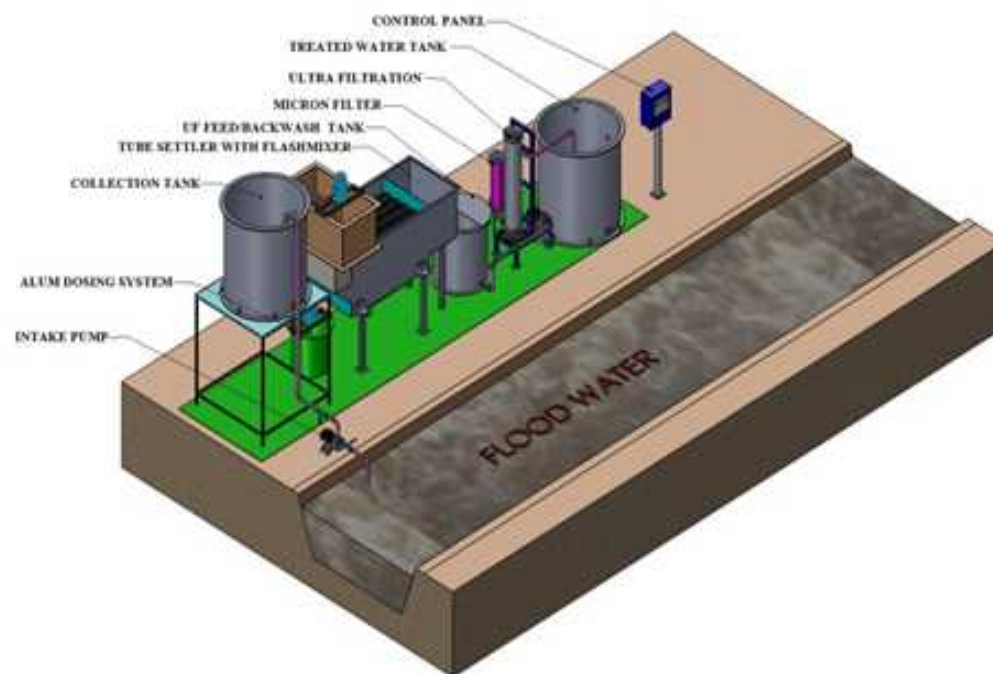
"FLOOD WATER TO SAFE DRINKING WATER"



Kerala has been ravaged by unprecedented rains and floods for the past two weeks. Humanitarian aid has been flowing from all parts of the country and it is really amazing to see everyone lending a helping hand to our brothers and sisters in Kerala. Our Company, Confident Engineering India Private Limited is engaged in development and implementation of water treatment projects based on innovative indigenous technologies.

We wanted to contribute to the flood victims in a sustainable and our own way. A common sight of the flood relief is carrying the water bottles to provide drinking water to the victims. However transportation of the bottled water from Tamilnadu and other states and also distribution to remote locations, more importantly the problem of dumping the used plastic bottles are the big challenges arising out of this effort. We wanted to avoid carrying water from outside Kerala and provide pure and safe drinking water from the flood waters.

We designed and made a system which is being shipped to Thrissur Flood relief camp. This system will treat the flood water or water from any source to make it as pure and safe drinking water. The system is designed with coagulation, flocculation, and Micron Filtration and Ultra-Filtration membrane technologies. The treated water is free from all solids, metals, bacteria and virus and at the same time retaining the natural minerals. The system works on 3KW power and can produce 2000L of safe drinking water per Hour. This system can be installed at any place and can provide drinking water to 6000 people every day.



- Bacteria and Virus free water
- 100% Clean & Safe Drinking water
- No Chlorine
- Drinking water generation at site
- Truck mounted mobile plant can be made



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