

## Community level Ground water remediation system for endocrine disrupting emerging contaminant.



CSIR-NIIST technology (US patented) based Bio-Physical remediation process was implemented at a rural area (Keezhmad Panchayat) in Kerala for generating safe drinking water from an abandoned community well due to the contamination of an endocrine disrupting chemical named Perchlorate. The treatment system generated nearly 2000 L (at 20 Ps/L) drinking water daily, and it was distributed to the affected people in the Panchayat. The treatment system was continuously operated for six months with the involvement and support from the Panchayat and local people. The field deployment of the technology was financially supported by Jal Jeevan Mission.