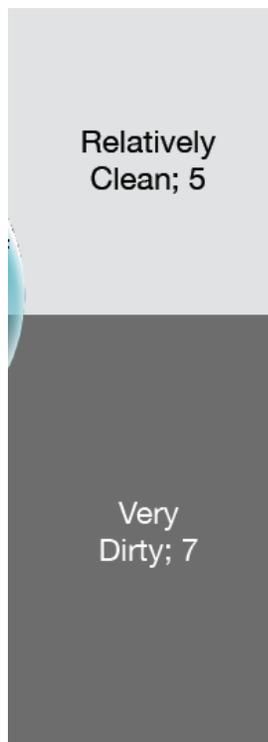
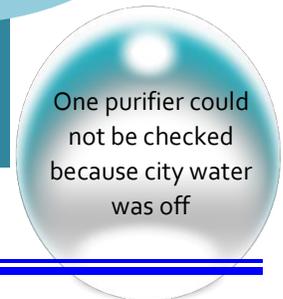
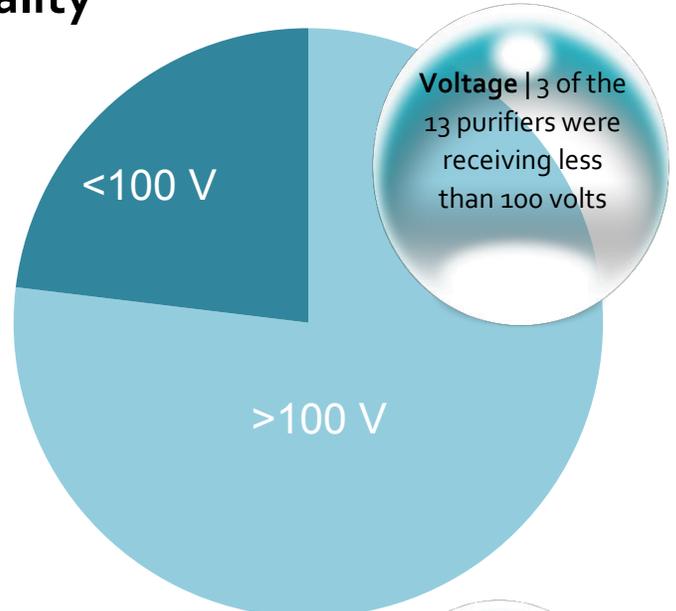


Background | Clean Water for the World and University of Toledo engineering students visited 13 water purifiers placed in El Salvador in coordination with CIS and Water Promoter Lopez March 2017. Purifiers were evaluated for functionality, level of maintenance and community usage.

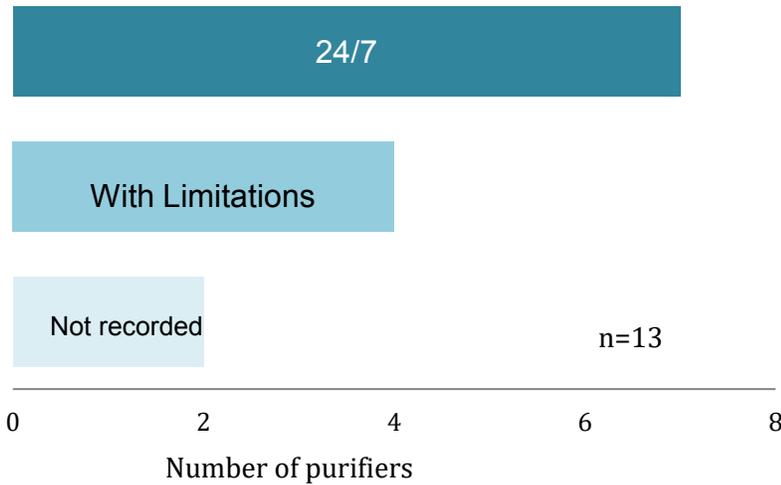
Functionality



Electrical Grounding | Only 5 of the 13 purifiers were grounded. Interestingly, both of the purifiers that were listed as "broken" were grounded. Most of the purifiers that were grounded had surge protectors. One purifier that was broken is described in the inspection as being grounded via having the wire "under a concrete pad."

Community Availability

Water is Available...

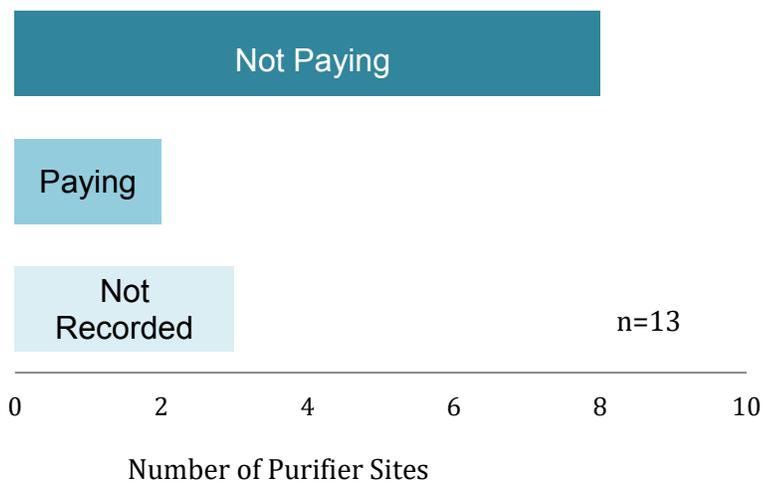


Limitations | Some communities have limited access to the purifier's water. They "only use it when it's needed...if someone wants water they turn it on a couple of hours a day," or it's only available during school hours. Some sites only have their water turned on a few days a week.

Access to the Purifier | Five of the 13 purifiers were accessible to the entire community. At 6 sites, community access was limited. The restrictions had to do with the fact that these six purifiers were all in schools. Data was missing for 2 units.

Access to Purifiers at Schools | One community explained, "(The purifier) is only for the school; the community can use but don't want to. (They) prefer to go other places."

Resident Paying for the Water?



Why Are People Paying for Water? | One site said, "The government has not been paying salaries and the school is trying to pay off the debt of the water collection tank."