Figure S1. Chart tracking the in-flow water at the NCCCWA measuring water hardness mg CaCO$_3$ l$^{-1}$, total hardness mg l$^{-1}$, carbon dioxide mg l$^{-1}$ and pH standard unit.
Figure S2. Schematic of RC system and flow of water through system: 1) Water pump from the sump, 2) water flow from sump to rack system, 3) {a} water flow into manifolds above individual tanks, {b} excess water/pressure bypass back to sump, 4) water flow into individual tanks, 5) water out of individual tanks into effluent gutter system, 6) water flow from tanks back to the sump, 7) system effluent into chlorinated decontamination sump, 8) make-up water.