

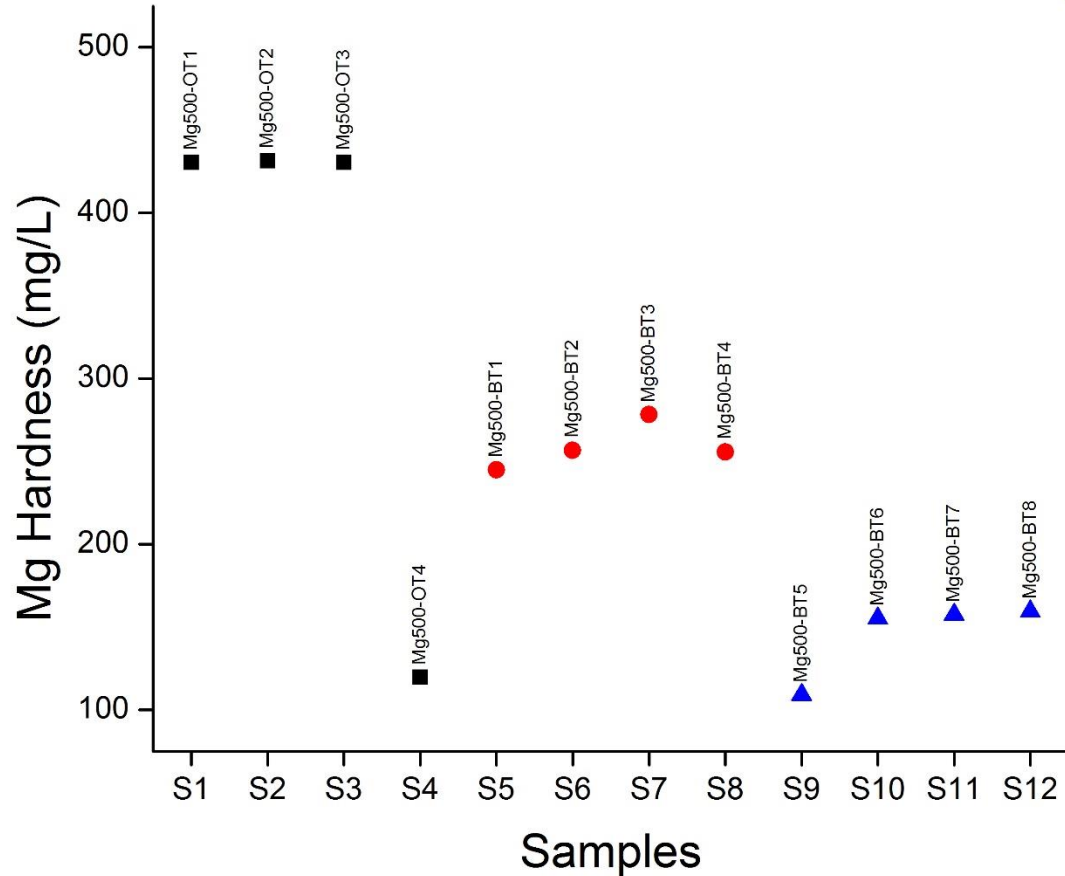
Hardness Removal Analysis

Synthetically prepared samples were passed through novel filtration unit developed by openwater.in, the residing time for each sample was 20mins, to optimize the removal capacity each sample was tested for 100mA, 200mA and 600mA.

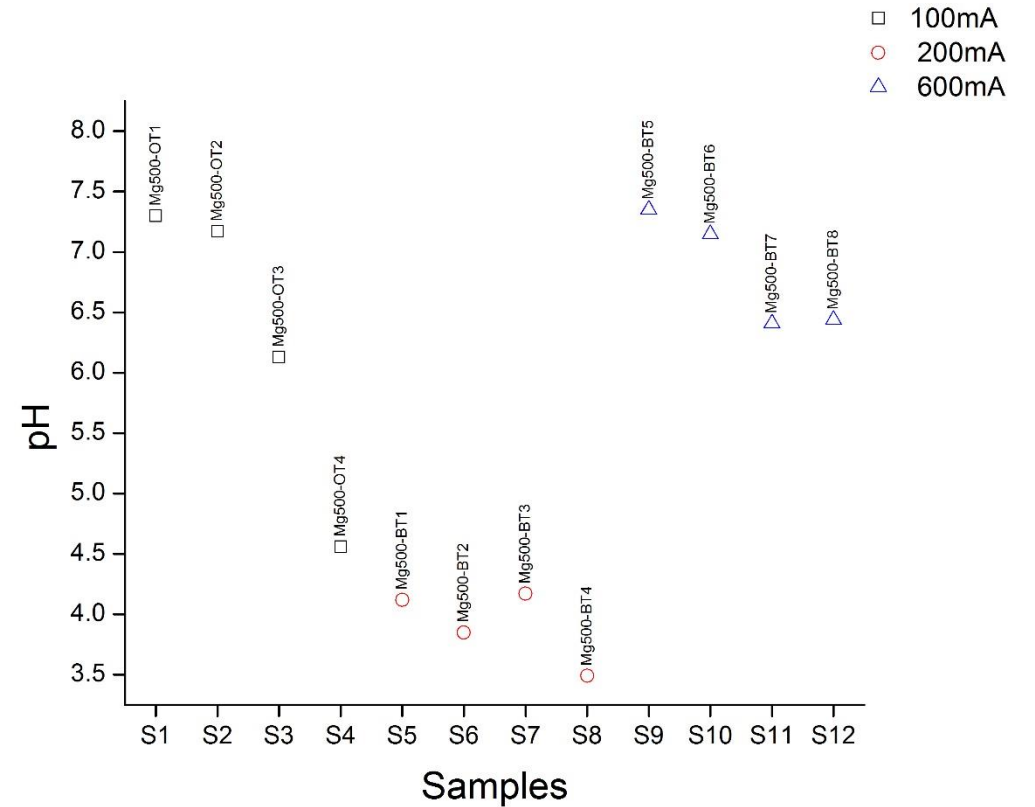
Magnesium hardness removal – MgSO₄

Source – 500ppm

- 100mA
- 200mA
- ▲ 600mA

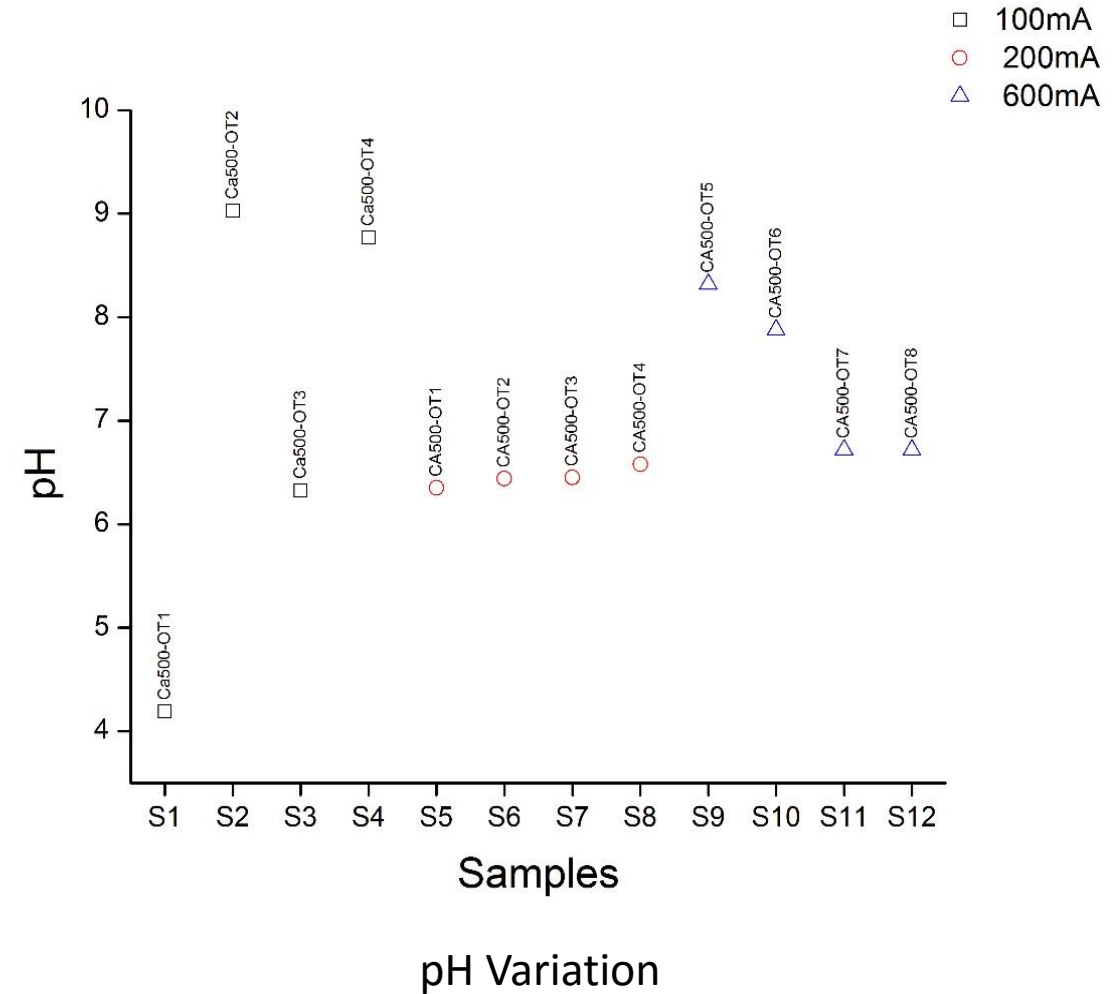
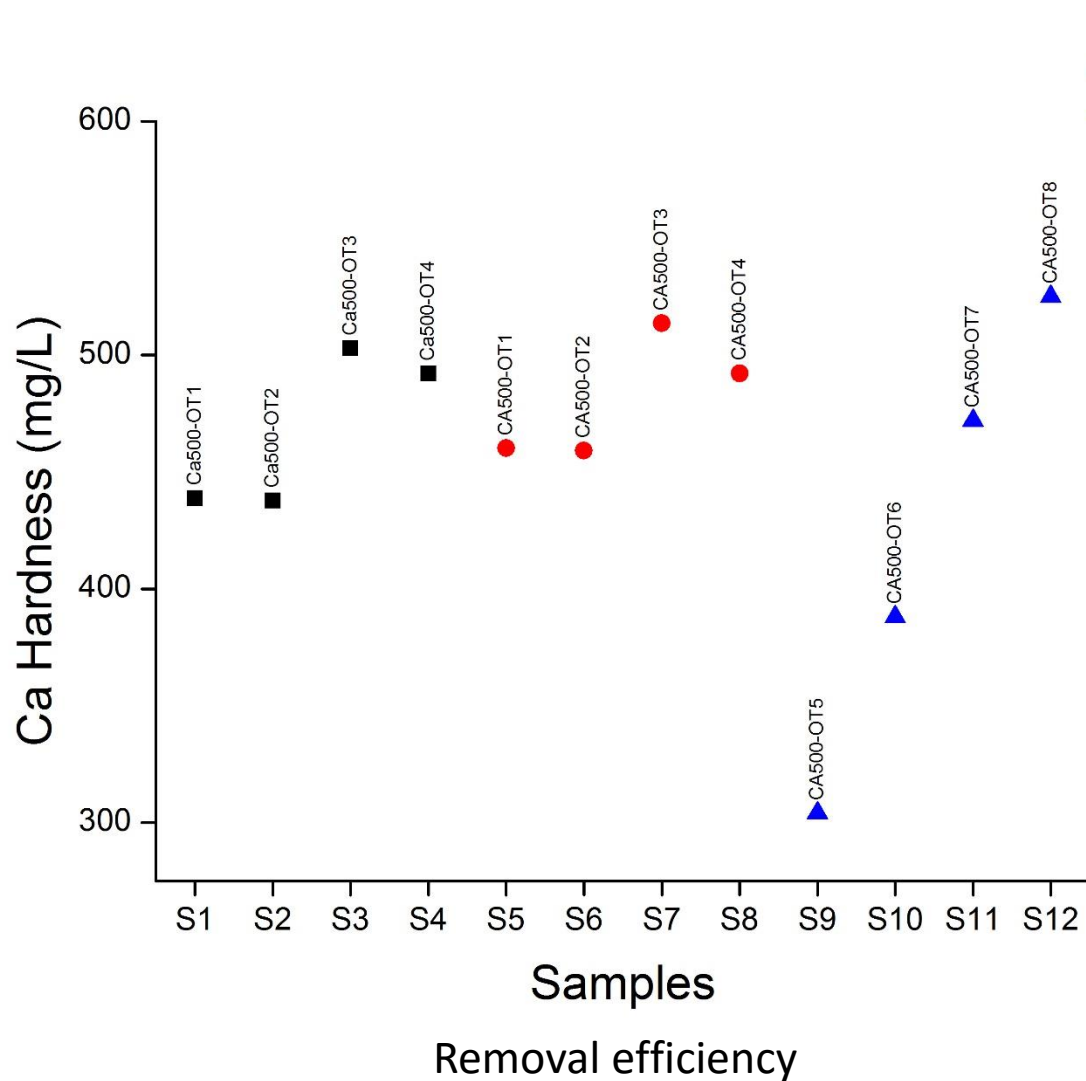


Removal efficiency



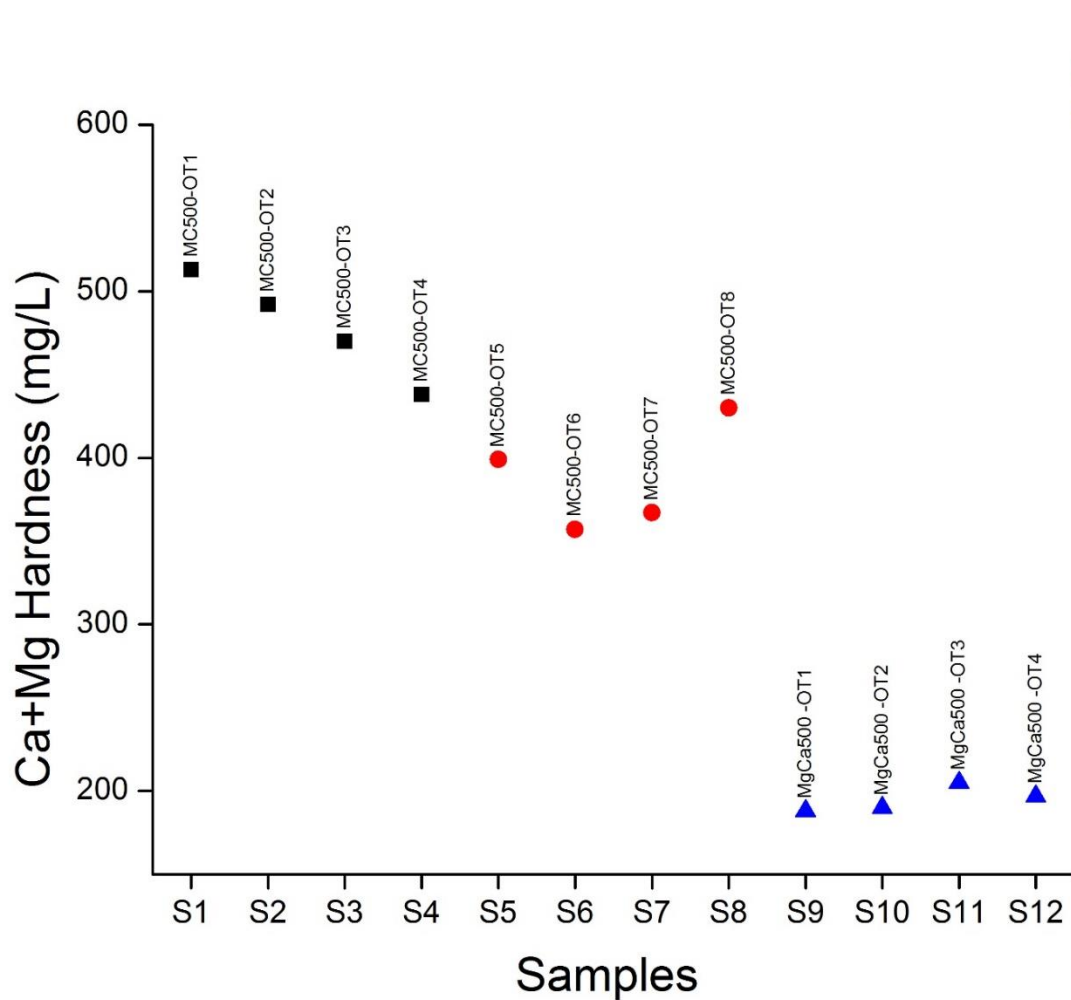
pH Variation

Calcium Hardness removal – CaCl₂ Source – 500ppm

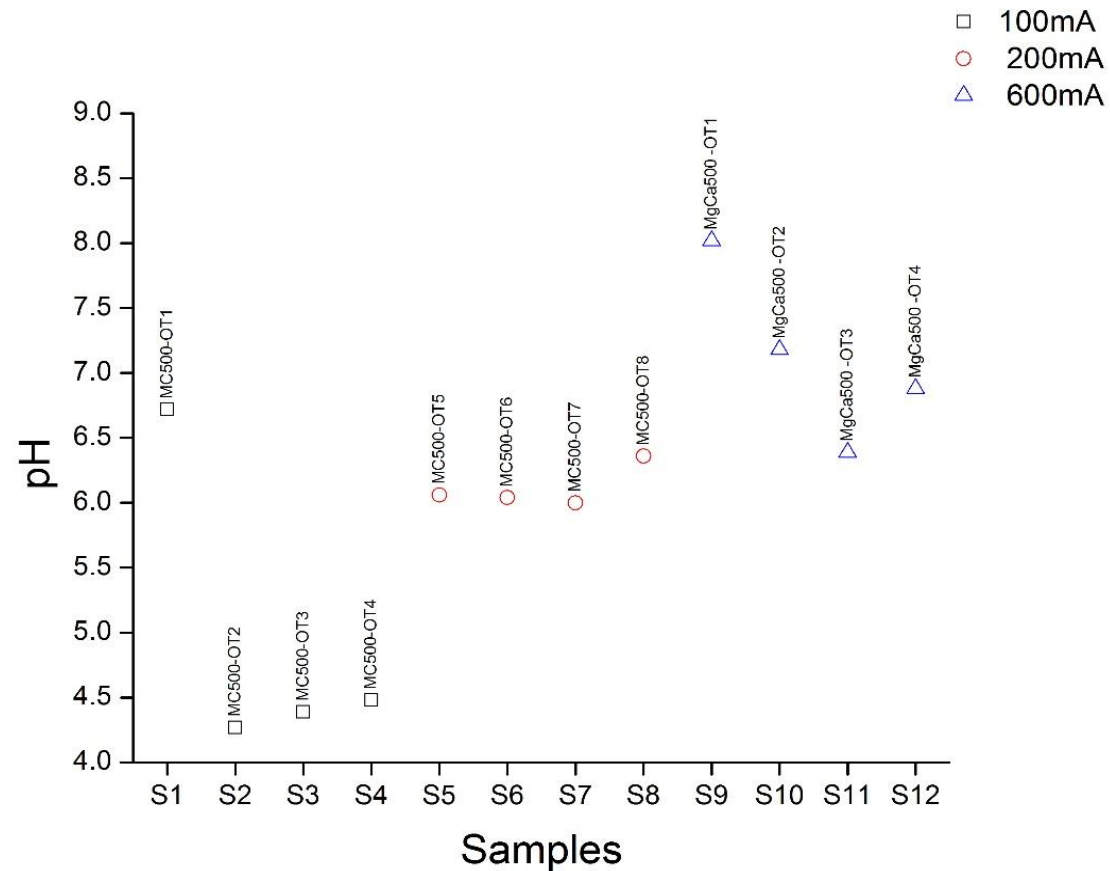


Mg + Ca Hardness removal – MgSO4 + CaCl2

Source – 500 ppm



Removal efficiency



pH Variation