

scw223

Samuel Wu's Individual Contribution Page

Team Goals:

The current foam filter system in El Carpintero lacks a flocculation system and we suspect adding one would improve the efficiency of the overall system. We expect that the addition of a flocculation system would reduce the amount of coagulant and foam needed to properly filter the water and would improve cleaning. The sub-team is responsible for designing and building a bench-scale flocculator system to test collision potential in conjunction with a bench-scale foam system to test pore size and headloss of overall system. We hope to better model the impact of flocculation and the possibility of adding a full-scale system in El Carpintero.