



## Monthly Operation Manual FSM Aerated Pilot Plant

### 1. Clean settling tank

- Empty settling tank as much as possible via normal discharge
- Clean the bottom of the tank with brushes, remove sludge with pump to
  - o Lime Treatment or
  - o Flexigester
- Brush the side walls inside and outside of the tank

### 2. Pump maintenance

- Remove sludge pump from Settling Tank
- Clean inlet coarse screen
- Clean sludge on the inside by pumping / circulating clean water
- Remove effluent pump from the Settling Tank
- Clean inlet coarse screen
- Clean sludge on the inside by pumping / circulating clean water

### 3. Filter maintenance

- Remove Operating Valve
- Remove objects that are stuck between the spacers of the top distributor (watch tutorial video)
- Check if spacers are broken, if yes report to WASH officer
- Inspect the surface of the glass beads, if surface looks dirty, perform backwash with clean water for 5 minutes
- Assemble Operating valve
- Try out filtering, backwashing and rinsing