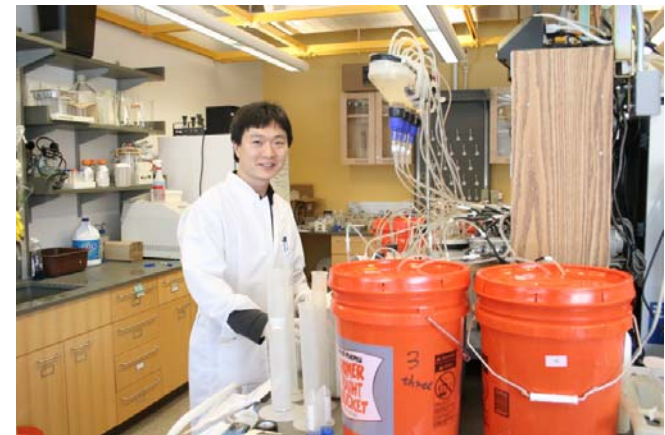
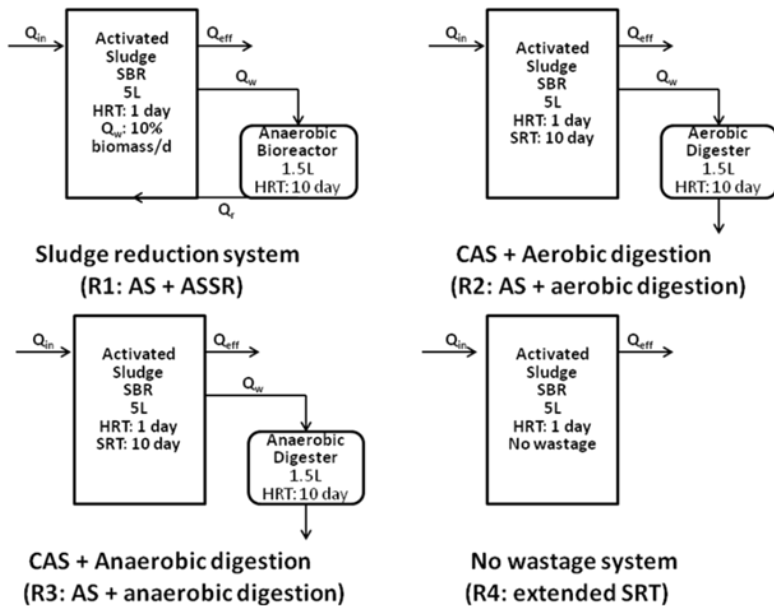


# Activated Sludge with a Side-Stream Treatment



## Researchers

- Dong-Hyun Chon (PhD candidate)
- Philip Teague (Master candidate)

## Funding Sources

- UMass CEE

## Synopsis

- Investigating the mechanism of sludge reduction and nutrient removal in activated sludge with a side-stream treatment both under anaerobic and aerobic conditions
- Investigating the physiology and microbial diversity in side-stream tank reactor
- Generation of bioenergy ( $H_2$  and  $CH_4$ ) in side-stream treatment