

VIII RECOMMENDATIONS FOR FUTURE WORK

The following topics should be investigated to gain more practical information and an economic perspective about slaughterhouse wastewater treatment by anaerobic process.

- 1) investigate the performance of hybrid anaerobic reactor with low concentration slaughterhouse wastewater,
- 2) observe the removal efficiency of hybrid anaerobic reactor for different wastewater concentrations from various sources of slaughterhouse.
- 3) comparative study on the effect of the percentage of media filled in the hybrid reactor,
- 4) study the effect of suspended solids in slaughterhouse wastewater on the removal efficiency and/or sludge activity,
- 5) determination of the kinetics of anaerobic process,
- 6) investigate the effect of feeding pattern on treatment efficiency, i.e, upflow and downflow feeding,
- 7) observe the stability of anaerobic process with relation to intermittent feed.