

VIII RECOMMENDATIONS FOR FUTURE WORK

The present study is still far from complete due to limited time available. The following topics should be investigated to gain an insight into the process and to derive more practical information;

- 1) determination of an optimum height of the filter,
- 2) comparative study of a single-stage filter and a multi-stage filters;
- 3) technical and economic feasibility of the anaerobic filter in treating low-BOD wastes such as domestic sewage,
- 4) effects of various types of media on the process efficiency,
- 5) applicability of the process to high-suspended solids wastes and high BOD wastes such as distillery wastes, wastes from fermentation industries, etc.,
- 6) study of the kinetics of the anaerobic filter,
- 7) determination of the permissible maximum period of interruption without marked drop in process efficiency.