

Chapter VIII

RECOMMENDATION FOR FUTURE WORK

For further research on study of oxygen transfer in water and waste water by aeration rotor, the following studies are recommended:

1. Comparative study of the performance of a model and its prototype.
2. Further investigation into the nature of variables that control oxygen transfer performance with a view to finding out rational basis for the design of aeration rotors aeration tank and / or oxidation ditch characteristics should be indicated among the variable to be studied.
3. Pilot plant study with sewage in an attempt to assess the effect of organic loading upon oxygen transfer and rotor performance.
4. Relationship between oxygen transfer rate constant and power consumption for different type of rotors.