

CHAPTER VI  
CONCLUSION



Based on the experiments, the following conclusion, can be drawn as follows:

- (1) The removal of BOD. in wastewater depends on the quantity of electricity.
- (2) High initial pH give more efficiency than low initial pH
- (3) Increase conductivity by adding NaCl make the process more economical.
- (4) The lead dioxide anode cannot endure the erosion by electrochemical reaction at high current density, and they have a specific life,
- (5) At high current density, the power loss due to IR drop is more than at low current density, the amount of electricity being the same.
- (6) For maximum efficiency, the current applied should be small in order to minimize power consumption and prevent heating of the system.
- (7) For maximum efficiency, the electrical resistance of the systems should be keep in minimum.