

VII RECOMMENDARION FOR FURURE WORK

The present research was only the primary investigation of the feasibility and capability of the electrical treatment column, therefore the following suggestions are recommended for future work:

1. Studies should be carried out to determine the relationship between the physical and chemical characteristics of raw and treated waters and also of sludge produced and the complex wave forms in the electrical column in order to interpret the mechanism of transfer of electrical energy.
2. Rate of settling of flocs should be studied with settling column, both vertical and inclined, to see the possible improvement of the clarification.
3. Research should be carried out with domestic and industrial wastes to see if there is any possibility of treatment with the electrical coagulation.
4. Research should be carried out to study the effect of reducing the pH and conductance of raw waters on rate of coagulation.