

CHAPTER VI

RECOMMENDATIONS FOR FUTURE WORK

Based on the results of this study, some recommendation for further studies can be proposed.

1. Coagulation with only alum can reduce DOM surrogate parameters in raw water. However, coagulation with alum and other coagulants operating together may increase efficiency in reducing DOM surrogate parameters.
2. The THMFP can be reduced by alum coagulation but the THM concentration did not meet the EPA regulation. Therefore, coagulation should work together with other conventional treatments such as GAC absorption and filter membrane.