

CHAPTER 6

SUGGESTION FOR FUTURE WORK

The PAHs degrading ability of the newly isolated strains, *Mycobacterium* sp. strain PY1 and *Sphingomonas* sp. strain FT1, were determined in the present study. On the basis of bioremediation process, these results are preliminary information. Therefore, the metabolites in pathway for PAH degradation should be studied in order to ensure that the metabolites are less toxic than the parent compound. The optimal condition and abiotic factor, which can affect the surviving rate, should also study before reapply the isolates into the real contaminated sites. One interesting choice for future work is the molecular and genetic study to enhance the degrading efficiency.