

ASSESSING THE STATUS OF PRODUCTION MANAGEMENT AND THE PROPERTIES OF WASTEWATER AT CAN THO PESTICIDE COMPANY

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Summary

The Mekong Delta plays an important role in national agricultural economic development and is also estimated higher use of pesticides than other regions. The formation and growth of pesticide companies has partly reflected the demand of farmers in using pesticides. However, that has created huge environmental impacts. Wastewater discharging from the pesticide production process was characterized with high concentration of pollutants. Impact on the environment and biological diversity was predicted too high. In the development strategy of the company, besides paying attention to the development and diversification of products in accordance with the needs of consumers, environmental issues are also of prime concern. In this study, the management of the pesticide production process of Can Tho Pesticide Company (CPC) were surveyed and interviewed to assess the status of the company. In addition, wastewater from the production process was collected and analyzed to assess the physic-chemical properties. The results of the interview showed the employee's perception on working environment of the company. Data on the characteristics of wastewater revealed the variation of the wastewater temporarily. In short, the results of the study partly reflected the state of the environment of the pesticide company. Further researches on treatment of wastewater from pesticide production process is necessary.

Keywords: *Pesticides, production process, wastewater properties, production management.*