

Jongkon Suparat 2012: Model of Solid Waste Management for Secondary School in Ubon Ratchathani Municipality. Master of Science (Environmental Science), Major Field: Environmental Science, College of Environment.

Thesis Advisor: Associate Professor Ittiphol Rasreekreangkrai, M.Ed. 164 pages.

Research has been done under the objectives of constructing the proper integrated management of community garbage disposal in Mathayomsuksa (secondary schools) as belonged to the Ministry of Education. Patum Wittayakorn School in the municipal of Ubon Ratchathani was selected as the study site during the years of 2005 to 2007. First of all, the training participatory on environmental education program, which organized by the Department of Environmental Quality Promotion in all regions of the country was undertaken. Then after, the holistic management of community garbage disposal was formulated under the proper environmental education program for training the teachers of Patum Wittayakorn School. Continuously, the knowledge transferring to 85 teacher samples were conducted by formal and non-formal education methodology, especially in-class lecturing, outdoor activities and guideline reading. However, the components of integrated management guidelines were proposed on garbage separation, collection, storage and beneficial organization, transportation, dumping area, disposal technology, and product management. The results of launching the knowledge transferring found that the school-teachers lacked of some points in community garbage disposal management, especially garbage separation. Also, Patum Wittayakorn School has not organized the integrated management of community garbage disposal.

Due to the above results, the environmental education program was improved with care for community behaviors and ways of lifestyle of school teachers of Patum Wittayakorn School. After testing by activities on formal and non-formal education the teachers showed their knowledge and understanding on integrated management of community garbage disposal at 81.40 percent addition above the first test, it was found less quantity of garbage in School because of knowledge transferring from teachers school to boys and girls.

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Thesis Advisor's signature