

Ruchuthai Pratoomtip 2006: Efficiency of Treatment Technology Dissemination for Solid Waste Disposal and Wastewater under the Royal Initiative's Project for Community Leaders in Ubon Ratchathani Municipality, Ubon Ratchathani Province. Master of Science (Environmental Science), Major Field: Environmental Science, College of Environment. Thesis Advisor: Associate Professor Ittipol Rasikreangkai, M.Ed. 176 pages. ISBN 974-16-2346-1

The purposes of this research were to create the process of solid waste disposal and wastewater treatment technology dissemination and to study the effectiveness of the technology transfer and the community leaders' awareness.

The 488 random samples were divided 3 groups. 420 were selected for primary data survey, 33 for implement testing and 35 for disseminate technology for solid waste disposal and wastewater treatment. Data analysis was computed by the use of percentage, mean, and standard deviation.

The research finding showed that the created dissemination process on the Royal Initiative's Project Solid Waste Disposal and Wastewater Treatment Technology was qualified and acceptable in validity, reliability, discrimination, difficulty and objectivity. Efficiency of the Royal Initiative's Project Solid Waste Disposal and Wastewater Treatment Technology Dissemination after training were 87.71. Under awareness of community leaders for knowledge education after the 6 weeks training, it was found out that 68.57 percent, the knowledge has been applied for further use 74.28 percent, the knowledge was disseminated to the community and the solid waste problem in community was reduced by 42.86 percent.

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