

Rattaporn Prachayavaranon 2012: Environmental Management in Rocksalt Production Area of Ban Dung District, Udon Thani Province. Master of Science (Resource Management), Major Field: Resource Management, Interdisciplinary Graduated Program. Thesis Advisor: Associate Professor Vinai Artkongharn, M.A. 117 pages.

The purpose of this study was to evaluate the stakeholder opinions on salt production in the area of Ban Dung Noi – Ban Si Suttho, Amphur Ban Dung, Udon Thani Province in respect to solution of environmental problems of the government. The data used in the present study was collected from two sample groups which included 31 producers granted with a salt production, with the use of the boiling and drying method, permit and 250 residents of villages in proximity of the salt production area. Moreover, the environmental damage costs were assessed with market with the application of the value approach, inclusive the preventive expenditure approach, the change in productivity approach, and the replacement cost approach.

The results revealed a majority of the samples to agree with the policy of the Department of Mineral Resources. The announcement not to allow any expansion of the salt production area, enforcement of the applicable legal framework, as well as is not allowed to be pumped up in the area that was a risk area. The environmental damage costs have been calculated as 40.49 Baht/ton of salt . However, the analysis found producers to be still able to generate profits.

The findings of the present study suggest the government to determine a policy of emission charges in accordance with the principle of causality. This amount be used for prevent environmental damage of salt production.

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