

C 635169 MAJOR URBAN PLANNING

KEY WORD: LIGNITE RAW, MAE MOH, ELECTRICITY GENERATING INDUSTRY, DEVELOPMENT AND RECLAMATION, LAMPANG

PHAICHIT NOPARATANA : GUIDELINES FOR DEVELOPMENT AND RECLAMATION OF LIGNITE RAW AREA IN ELECTRICITY GENERATING INDUSTRY A CASE STUDY OF MAE MOH MINE MAE MOH DISTRICT LAMPANG PROVINCE. THESIS ADVISOR : ASST.PROF. BANASOPIT MEKVICHAI. Ph.D. THESIS COADVISOR : SNOHJIT CHALAYON. 187 pp. ISBN 974-635-627-5

Guidelines for development and reclamation at Mae Moh Mine were proposed to design conceptual plan for development and reclamation in Mae Moh mine and to recommend an environmental impact mitigation plan from the landuse of lignite raw area in electricity generating industry including to define a form of landuse.

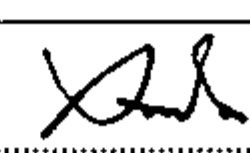
Mae Moh mine was operated with environment impact prevention and mitigation from landuse of mine. In physical issue, to reduce the impact of air pollution by desulphurization unit and to control the drainage and any effect on the hydrology both surface and underground water. For topography and geology, they needed to reclaim and restore as same as before. The transportation impact during the mining operation could be reduced because of the end of mining operation. Any effect on villages which were migrated and surrounding the mining area was indicated the socio-economic and quality of life. It also studied in the change of way of life, career, revenue and expenditure and health, bothly in short and long periods. Beside, the recreation and ancient remains around the mine were also considered. Mae Moh mine would be a recreation area later.

The development and reclamation area after the enduse of Mae Moh mine purpose should have no any effect on other area around. Therefore, the classify of landuse in this area should be considered with the principle, procedure and development and reclamation foundation which is managed in an effective system. The guidelines which were proposed by the foundation were to develop for an agriculture, residence, water resources, forestry, and recreation area. For the administration or management, it needs to establish a development and reclamation for Mae Moh mine organization to estimate a budget in the development and reclamation from lignite in according to mine operation then comparing with a budget of development and reclamation of Mae Moh mine per 1 ton of lignite. The enduse of development and reclamation period should be achieved in the schedule.

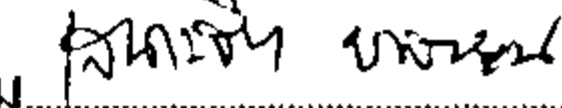
ภาควิชา.....การวางแผนภาคและเมือง.....

สาขาวิชา.....การวางผังเมือง.....

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