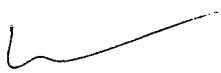


Abstract

Title : A Design of Waste Water Treatment Pond in Animal Feed Plant
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 Degree : Master of Engineering
 Major Field : Engineering Management

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From the animal feed plant environmental problems study, it is found that the waste water to the public under a grease trap and sedimentation pond is black and stink affecting environment and generate a source of disease carriers. The objective of this study is to investigate the relative data and conditions used to design a treatment pond that can fix the waste water problem with less contaminated impact to the community and environmental practices.

The operational process is to collect information on the daily waste water rate and characteristics together with the factors and conditions for the design of a limited space treatment pond.

As the result of the study, a treatment pond with the size of 10x8x3 meters can serve the treatment of waste water discharged from the production process into the pond before leaving the factory. It has been proved to be an effective waste water treatment pond that can release quality water to the public.