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PLANT BJR PROCESS PILOT

SUMMARY

I. Title

A study of “ maximizing the efficiency of high concentration organic waste water treatment and minimizing building sites with high efficiency microbe treatment process ”

II. Objectives and Importance

Many Methods of treating food leachate and livestock waste water, are excessively expensive and impractical to observe the permissible level set. We need a more realistic and economical process. So we need the study to apply the results to actual treatment process.

III. Research scope

According to the character of the waste water, we research to get a more efficient means of getting the right derivation operation factors to maintain right treatment efficiency. And we study a method minimizing building sites according load of organic matters

IV. Results

In this study, we used BJR-process to treat high concentration organic waste water such as like food leachate and livestock waste water rightly. As a research procedure, We built BJR-process pilot plant. we will get right operation factors to maintain the right treatment efficiency and also get methods to minimize building sites through the experiment with the pilot plant.

V. Application plan

The results of study will be applied to the actual treatment process of high concentration organic waste water such as like food leachate and livestock waste water. For that we need to examine building sites and treatment cost of the existing facilities. And should be proactive in marketing.

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