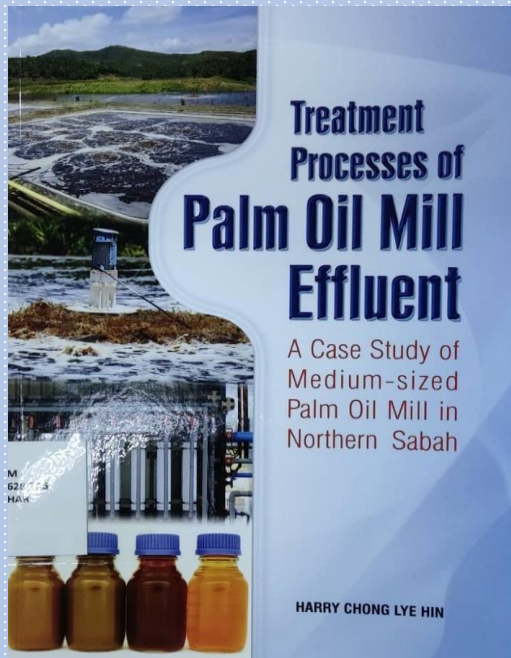


Program Book Review JAS



KEMENTERIAN SUMBER ASLI, ALAM SEKITAR
DAN PERUBAHAN IKLIM
JABATAN ALAM SEKITAR



This book, "**Treatment Process of Palm Oil Mill Effluent**," provides a comprehensive and insightful exploration of the challenges and solutions associated with managing palm oil mill effluent (POME) in a real-world context. Focused on a medium-sized palm oil mill in Northern Sabah, the authors delve into the specific issues faced by the palm oil industry in this region and offer practical insights into treatment processes.

The strength of this book lies in its case study approach, which allows readers to gain a deep understanding of the unique circumstances and challenges faced by the palm oil industry in Northern Sabah. The authors

provide a detailed overview of POME generation, its composition, and the environmental implications, setting the stage for the subsequent discussions on treatment strategies.

One of the notable aspects of this book is its emphasis on sustainable and environmentally friendly treatment processes. The authors discuss a range of technologies and methodologies used for POME treatment, including anaerobic digestion, aerobic treatment, and membrane processes. They also address the potential for biogas production from POME, which aligns with the growing interest in renewable energy sources.

Moreover, the book goes beyond technical aspects and considers the economic and regulatory dimensions of POME treatment. It discusses the financial implications of different treatment methods and offers insights into compliance with environmental regulations, making it a valuable resource for industry professionals and policymakers alike.

While "Treatment Process of Palm Oil Mill Effluent" is a valuable resource, it may benefit from more extensive case studies and examples from other palm oil mills in the region to provide a broader perspective.

In conclusion, this book is an informative and well-researched resource for anyone involved in the palm oil industry, environmental management, or sustainable development. It offers valuable insights into the treatment of POME and serves as a case study that can inspire more sustainable practices within the palm oil sector, especially in Northern Sabah.

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