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Garbage Enzyme As An Alternative Method in Treatment of Sullage

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Taschenbuch. Book Condition: Neu. 220x150x5 mm. This item is printed on demand - Print on Demand Neuware - This study was conducted to explore the feasibility of using Garbage Enzyme to treat sullage. The enzyme was prepared from fruits dregs, kitchen waste, molasses and water and capable of having reinforcing and cleaning function to work with nature. In this study, sullage was collected at open drainage at Arked Meranti, Arked Cengal and Kolej 9 cafeteria's and enzyme dosage determinations were done at laboratory scale. Sullage collected were analyzed BOD, COD, TSS and oil & grease. From the result obtained all samples treated using garbage enzyme prepared shows removal of BOD was 60%, COD and oil and grease almost 90%, then TSS was 80% after 7 days of treatment with different dosage of enzyme. Treatment from Arked Meranti, Arked Cengal and Kolej 9 Cafeteria in Universiti Teknologi Malaysia (UTM) show removal of BOD was 85%, COD, 90%, O&G 63% and lastly almost 100% of removal were obtained respectively after the treatment. 80 pp. Englisch.



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