

ABSTRACT

Name : Putri Setiawati
Nim : 201331006
Program Study : Public Health
Judul : Decrease Analysis of Biochemical Oxygen Demanda (BOD) on Tempe Liquid Waste by Using Apu Kayu Plantation In Komplek PIK Kopti Semanan Raya, West Jakarta Year 2017.

Tempe industry waste that is directly discharged by water without processing will cause pollution. The contamination affects the content of tempe liquid waste which has high organic content which contain substances and substances such as BOD. The objective was to know the content of BOD of tempeh liquid waste with various treatments and controls and to know whether there was a difference in BOD content in tempe liquid waste with various variations and controls. The method used in this research is quasi experiment using Anova Test with research design using post test only control group desingeri. The result of the decrease of BOD content in tempe liquid waste after being treated by using apu wood plant was decreased at each treatment, but seen from the average it was found the most decrease was on one plant where the average value obtained was 6345.00 mg / l With a percentage of 27%. Conclusion found that apu wood can decrease BOD content in tempe liquid waste, based on the result obtained more decrease in P1 plants compared with various treatments and control, it is no difference of BOD content in tempe liquid waste with various variation of number of wood plants Apu and control.

Keywords : BOD, Kayu Apu, Air Limbah
6 Chapter, 64 Page, 6 Table , 5 Image, 6 Attachments
Library : 20 (1897 -2016)