

Singapore Stanford Partnership Programme

MS Project MS08-21

**Kinetic study on Tert-butyl alcohol (TBA) Biodegradation by Isolate Strain TBA-001
Obtained from Tert-butyl alcohol (TBA) Aerobic Granular Sludge Biomass**

Maszenan Bin Abdul Majid

Strain TBA-001 was isolated from aerobic granular sludge biomass which possess maximum specific TBA biodegradation rate of 16.8 mg/ TBA VSS.h. The aim of this project is to study the kinetic parameters of strain TBA-001 to biodegrade TBA in pure culture for bioaugmentation purpose.