

Isolasi dan identifikasi bakteri pereduksi sulfat pada area pertambangan batu bara muara enim , Sumatera Selatan

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Abstrak

Sulfate reducing bacteria utilize sulfate as their terminal electron acceptor and reduce it to sulphide. acid mine drainage, by-products of mining activities, is an acidic sulfate - rich wastewater suitable habitat for sulfate reducing bacteria. Isolation and identification of sulfate reducing bacteria collected from Muara Enim coal mining, South Sumatera was carried out at Laboratory of Environmental Biotechnology, Indonesian center for Biodiversity and Biotechnology (ICBB), Bogor and Laboratory of Microbiology, Faculty of Veterinary, Bogor Agricultural University....