

## Kajian sistem elektromagnet plating pada reduksi konsentrasi Fe dan Mn dalam air sumur

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=132640&lokasi=lokal>

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### Abstrak

We use an electromagnetic plating system based on the electric and magnetic field to reduce the Fe and Mn concentrations on deep well water. The parameters in this research are solenoid current and voltage difference between electrodes. The results show that for uncovered electrodes, optimal condition is reached at solenoid when current is 4 ampere. Meanwhile, the voltage optimal condition is reached when voltage is 4 volt. For coated electrodes (flexi glass) the optimal concentration of Fe is reached at solenoid when current is 4 ampere. While for variation of voltage the optimal concentration Fe is reached when voltage is 4 volt.