

Pretreatment Process for Oily Wastewater from Yellow Tankers



Challenge:

- Wastewater from yellow tankers often exceeds the treatment limit of 10 mg/l oil content, reaching levels as high as 100 mg/l.
- Majis seeks effective pre-treatment solutions.

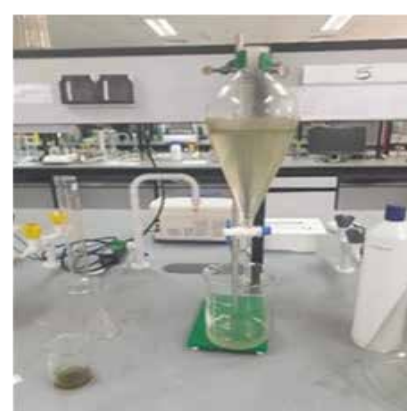
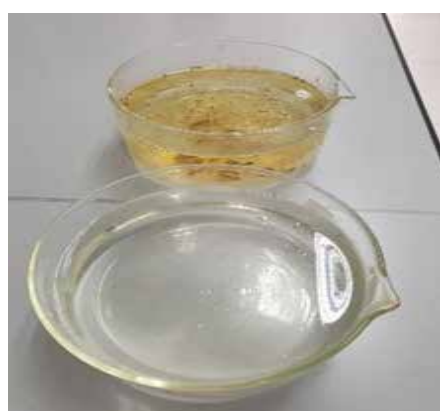
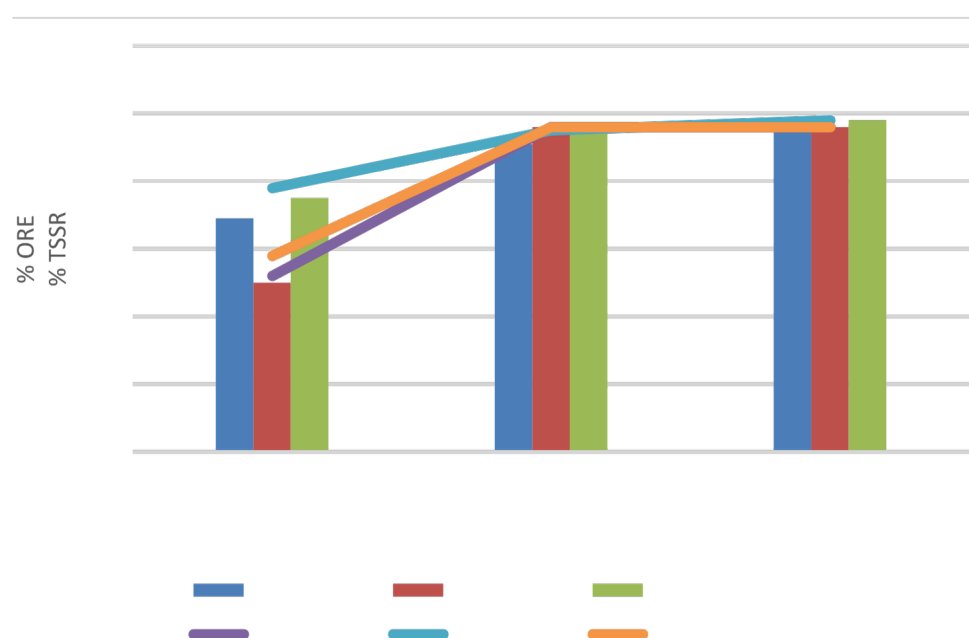


Objective:

- Use Enhanced Dissolved Air Flotation methods to treat oily wastewater, both simulated and actual.
- Evaluate different operating modes and explore the use of local waste biomass for effective wastewater.



Insights:



Impact:

- Aligns with Vision 2040's goals for sustainable resource use and environmental protection.
- Advanced treatment methods aid Net Zero 2050 by reducing pollutants and energy use.



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