

Electronic Supplementary Information

Mechanistic study of oil adsorption onto PVP-coated magnetic nanoparticles: An integrated experimental and molecular dynamics study to inform remediation

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Video S1. Video showing the simulation of crude oil adsorption onto PVP-coated NP in water.

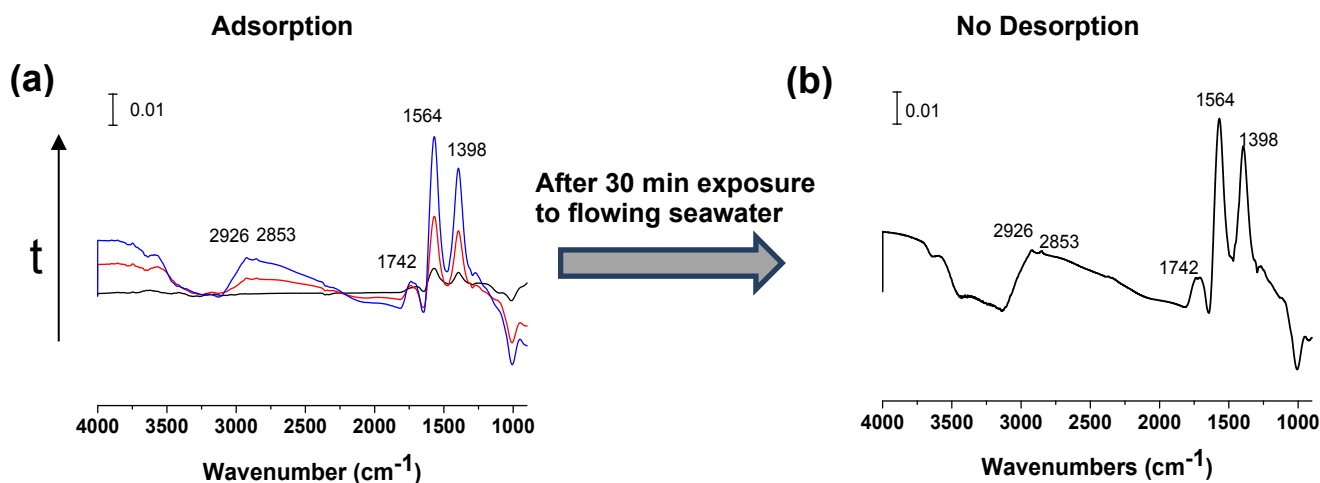


Fig. S1 ATR-FTIR spectra of FA adsorption onto PVP-coated Fe₃O₄ NPs (a) 10 ppm FA flow for adsorption, (b) sea water flow for desorption; black, red and blue lines represent 15, 90 and 120 min, respectively.