

Major and trace elements in the seawater of the Jordanian coast of the Gulf of Aqaba.

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Abstract

Trace metal (Cu, Zn, Ni, Fe, Co) concns. in seawater from the Aqaba Gulf appear high for open ocean areas but low compared with the heavily polluted coastal areas, suggesting that better environmental regulations are needed for the Aqaba Gulf waters to prevent pollution from growing industries. Salinity, chlorinity, major elements (Ca, Mg, F-), and minor elements such as PO₄³⁻ and NO₂⁻ were compatible with the concn. ranges reported for other seawaters.