

Antalya Sea Outfall and Its Environmental Impact

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Abstract

An integrated water and wastewater project has been initiated in 1996 to protect the water quality of both drinking and seawater of Antalya City (Turkey). The wastewater disposal system within this project consists of preliminary treatment units and a rather long outfall pipe discharging in rather deep water. Further treatment is planned through secondary and tertiary units at a later stage. This outfall system is described and discussed. Various aspects of its environmental impact are further discussed to draw several recommendations to reduce any possible future adverse impacts.