

عنوان مقاله:

Assessment of the Spread of Desalination Plant Effluent Study Area : Saqi Koothar Desalination Plant, Bandar Abbas

محل انتشار:

نخستین کنفرانس بین المللی اقتصاد دریا پایه (سال: 1402)

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خلاصه مقاله:

With the increasing population and the need for freshwater, desalination systems have gained attention as one of the important methods of freshwater supply. These systems use membrane and evaporative methods to separate the salt from seawater and produce freshwater. The wastewater from these systems contains high levels of minerals and other chemicals that can have negative environmental impacts. In this study, we first modeled the discharge of desalination plant wastewater using the CORMIX model based on environmental requirements. The results showed that the concentration and density of the wastewater were comprehensively and thoroughly investigated, and the discharge was performed in accordance with environmental requirements.

کلمات کلیدی:

Effluent Discharge, Desalination, Diffuser, Dilution

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