

عنوان مقاله:

(Performance Evaluation of Oily Waste Treatment Ways (TECHNICAL NOTE

محل انتشار:

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خلاصه مقاله:

On the basis of key ways of oily waste treatment in Russia which has been described in the article and on the example of oil-contaminated soil (OCS) treatment there can be considered two most widespread technologies: bioremediation and thermal recovery. We developed the process flow sheet of the equipment (UT-2S) for industrial oily wastes treatment on the basis of high temperature air tight decomposition of oily waste. We have also worked out criteria of prime cost, OCS treatment period as well as OCS purification efficiency and industrial emission of harmful substances of each technology of oily waste treatment with the aim of its comparison. The analysis of the results received during this work makes possible to find out advantages and disadvantages of OCS recycling technologies .and to evaluate efficiency of each technology

کلمات کلیدی:

oily waste, Oil, contaminated soil treatment, Bioremediation, thermal decomposition of soil

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