

عنوان مقاله:

comparison of treatability of young and old landfill leachate using anaerobic digester

محل انتشار:

نهمین کنگره بین المللی مهندسی عمران (سال: 1391)

تعداد صفحات اصل مقاله: 9

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خلاصه مقاله:

A two-stage lab scale anaerobic digester was used for treatment of a high-strength young leachate from shiraz municipal landfill site . Leachate characteristics varied considerably during 8 months of study COD concentration of 48552-62150 mg/l it was found that the system could reduce the COD of the leachate by 92% AT A LOADING RATE OF 2.25Gcod/l/d and 90% at loading rate of 3.37 g COD/L/d . in the next stage a two -stage anaerobic digester was used for treatment of the old leachate from shiraz landfill for comparison . the study was conducted for a period of 7 month as with the case of young leachate characteristics varied considerably COD concentration of 64350-91308 .gCOD/L/d

کلمات کلیدی:

anaerobic digester , landfill leachate,COD removal ,shiraz municipal landfill

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