

عنوان مقاله:

GCL effects on Landfill and strip footing resting on a layer of GCL

محل انتشار:

اولین کنفرانس بین المللی آب، محیط زیست و توسعه پایدار (سال: 1395)

تعداد صفحات اصل مقاله: 10

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خلاصه مقاله:

A geosynthetic Clay Liner (GCL) is a thin layer of clay (or bentonite) that bonded to a geomembrane or fixed between two sheets of geotextile. GCLs accepted as a barrier system for sealing and Landfills application. This paper debated about the sealing purpose of GCLs. A comprehensive review is provided to identify key considerations for the general sealing use of GCLs, design and construction and compile the latest research. In this paper, identifies areas where more research is needed and provides recommendations for future research and development.

کلمات کلیدی:

Geosynthetic Clay Liner (GCL), sealing, Landfill, seepage

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/596126>

