

Title: Decontamination of industrial metal sludge by électromigration

Abstract:

The processing industrial sludge with heavy metals is a concern that this sludge is generally a higher concentration of metals from water by sedimentation effect. To avoid a metallic mud displacement towards groundwater and a release surface, the treatment of the sludge is necessary in the case of proven metal pollution. Several methods of remediation adapted to the soils and sludges are already being tested, they are chemical, thermal, leaching etc. All these methods if they are not costly (thermal) may produce a second chemical pollution (reagents employment). In this study, for decontamination of industrial sludge contaminated with heavy metal species.

Mots clés: decontamination, sludge, metals, electromigration