

PRÍSPEVOK K POSUDZOVANIU VPLYVOV GUDRÓNOVÝCH ODPADOV NA ŽIVOTNÉ PROSTREDIE

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ABSTRACT

Samešová D., Ladomerský J. & Hroncová E. **Contribution to Assessment of Goudron Wastes Impact on The Environment**

Petroleum processing in refineries generates a number of waste materials, which have to be disposed in a harmless way. Refining of petroleum by sulphonation process produces sludges – so called goudrons, which contain a large amount of sulphuric acid, and heterocyclic sulphoacids as well as bitumens. In the past the sludges were deposited in sludge landfills. Nowadays remediation of the landfills is a key problem, which Petrochema Dubova, a. s. has to solve. The aim of our paper is to analyse various condition of goudron waste leaching. We found out meaning influences of leachate time, concentration and liquid kind.

Key words: goudron waste, assesment of environmental impact, refinery