

MONITORING THE QUALITY OF WASTES FROM TECHNOLOGICAL PROCESS

Goal of the project

The project objective is to monitoring the quality of wastes from technological process.

Short description of the project

During the project various parameters of wastes are analyzed periodical from samples collected by the beneficiaries. The analyzed parameters and the times for the samples collections are commonly agreed by the beneficiaries and by the execution team. The analysis of the main parameters for the monitoring the quality of wastes are required for their storage according to law.

Project implemented by

- Faculty of Industrial Chemistry and Environmental Engineering.
- Department of Applied Chemistry and Engineering of Inorganic Compounds and Environmental.

Implementation period

01.10.2014-01.10.2015

Main activities

- During the project will be analyzed the volatile organic compounds and (COV) analyzed the waste from Waste Water Treatment.
- Its determinates the concentration of the following parameters: Cr, Cu, Ni, Cd, Pb, Nt, Pt, pH, humidity and loss on ignition from water.
- The main parameter are analyzed dailies and other are analyzed monthly in accordance with the achieving plan established by the both parts involved in the project.

Results

1. The volatile organic compounds (VOC) were analyzed from waste water.
2. It was determined the concentration of heavy metals in sludge from the process
3. It made sludge leaching tests

Applicability and transferability of the results

The results are consistent with the legislative framework in force.

Research Centre

Research Centre for Environmental Science and Engineering

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Research team

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