

**Determination of limit parameters according to the regulation on waste management – Running-in phase
Mechanical-biological waste treatment plant
Hannover**

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Objective: Determination of limit parameters TOC, TOC-eluate and AT₄ in the running-in phase of mechanical-biological waste treatment plant in Hannover.

Location: Germany

Client: HESE Environment

Beneficiary: aha Waste Management Region Hannover

Year: 2004 - 2006

Initial situation:



On 01.06.2005 the Regulation of Waste Deposit came into force. It deals with the limit parameters TOC-solid, TOC eluate, calorific value and AT₄ for depositing of material at the landfills. Until now there have been done only few studies on determination of potential risks. For the input and output products of the mechanical-biological waste treatment plant the relating problems had to be analysed.



Services provided:

- Research of data and literature
- Evaluation of analysing method for TOC, TOC-eluate and AT₄
- Determination of practical limit of error for analytics of inhomogeneous waste samples
- Determination of potential risks and they causes
- Assessment of waste samples
- Optimisation of sampling method
- Process accompanying analytics
- Training of Processing Engineers especially for the waste treatment processes