

PROJECT: MSW LANDFILLS



CONTROL OF ENVIRONMENTAL
IMPACTS CAUSED BY LANDFILL SITES



COMPREHENSIVE APPROACH: AIR, WATER, SOIL AND GEOMETRY OF LANDFILL SITES

Monitoring of the environment

Country: Poland
Region: Lower Silesia
Client: Landfill administration (DIS Sp. z o.o.)
Year: 2013-2016
Duration: 3 years
Value: - - -

Background:

A concept of the waste management hierarchy promotes waste avoidance ahead of recycling and disposal. However, disposal is still in use and even old landfills (often in form of outdated dumps) are required to be monitored regularly. Local regulations define precisely the scope of work and long-term observation enables the identification of environmental threats and then – implementation of proper countermeasures.

Scope of work:

Service of municipal solid waste landfill monitoring was provided to public contractor responsible for the maintenance of 6 sites in total. It had a truly comprehensive nature - accredited laboratory ensured sampling and analysis of surface waters, groundwaters, leachates, biogas which were supplemented by accurate GNSS measurements of the objects geometry to identify potential instabilities.