



LQM
LQM

Project Profile

Sector: Landfill gas, risk assessment

Project: Landfill gas risk assessment and management audit at Green Road Landfill, Balleyclare, Co. Antrim, N. Ireland

Client: UK Waste Management Ltd

Period: August 2000



LQM were invited by UK Waste to perform a landfill gas audit of the Green Road landfill. This comprised the following:

- HELGA modelling of the gas generation from the site, and potential emissions via landfill surface, flare, and lateral migration emissions
- Comparison of HELGA forecast with:
 - Gas flow and composition at flare data
 - Gas flow and composition at wellhead data
 - Gas monitoring borehole data
- Report on the capability of the installed system to meet gas collection and control objectives

The report was used to demonstrate to the regulator that the site was operating within all expected parameters of gas management.