

USER APPLICATION NOTE

BIOGAS CONTROL



Ciney, a town in the south of Belgium, has a thriving, forward looking and caring local authority. Under the authority's control is a landfill site being monitored for the control of gas emission to ensure minimal affect on the local environment. Ecotechnic SA of Brussels installed the monitoring system.

Sources of unwelcome odours and their frequency of occurrence were difficult to identify within the landfill site. A scheme, utilising the MGA3000 Gas Analyser, was introduced to measure methane produced on the site, log the information and automatically report back data.

Measurements are taken, 200 meters apart, within the site identifying emissions of less than 100 parts per million. All the measurements are logged using a data logger and at prescribed times the measurements are reported back to the control centre using a radio linked modem.

The computer controlled system includes remote calibration facilities.

Pig production units close by may be monitored at a later date utilising similar equipment.



The ADC gas analyser in use at the **Landfill** site.



The ADC MGA3000 Gas Analyser

The Ciney local authority selected the MGA3000 Gas Analyser with optional Data Logging facilities to solve their problem. The system comprises:

- Gas Filter Correlation Technology
- Compact 3U Rack Mount Design
- Menu Driven Easy to use Front Panel Controls
- Excellent Gas Selectivity
- Data Logging
- ADC Proprietary Data Logging Software
- **Radio Modem**
- Remote Calibration Facilities
- Tried and tested Technology
- For Use in Hostile environments
- Low Maintenance requirement
- Best Price Performance Ratio in the market



ADC Gas Analysis Limited

Unit 7 Spurling Works, Pindar Road, Hoddesdon, Hertfordshire EN11 0DB United Kingdom
Tel: +44-1992-478600 Fax: +44-1920-478938 email: sales@adc-analysers.com
www.adc-analysers.com