

EmP13 – Landfill Gas Exceeding Trigger Levels

What needs to be done?

The following actions need to be taken when landfill gas exceeds trigger levels in boreholes beyond the waste body:

1. If borehole sampling analyses results indicate the presence of landfill gas exceeding trigger levels the responsible manager should be informed
 2. The responsible manager should assess the immediate risks to personnel or nearby structures and inform the managing director
 3. All employees should be made aware of the potential risks associated and any control measures to be adopted
 4. Repeat the monitoring of boreholes showing elevated levels of methane or carbon dioxide
 5. If this monitoring confirms the presence of landfill gas, the responsible manager shall inform the Environment Agency and agree a programme of corrective action (if one is necessary). Nearby property owners should also be contacted if there is a risk of methane migration
 6. Implement the programme of corrective actions as required
 7. The responsible manager shall agree an increased frequency of monitoring for boreholes and ensure that it is carried out as directed by the company specialist, Environment Agency or company consultants
 8. When practicable, the incident must be formally recorded and reported using the appropriate forms, including circulation to the relevant authorities.
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Telephone numbers:

Emergency services:

Environment Agency:

Responsible manager:

Managing director:

Geotechnical engineer/advisor:

Associated documentation

Forms

- EF03 – Internal Communication
- EF15 – Incident Investigation

