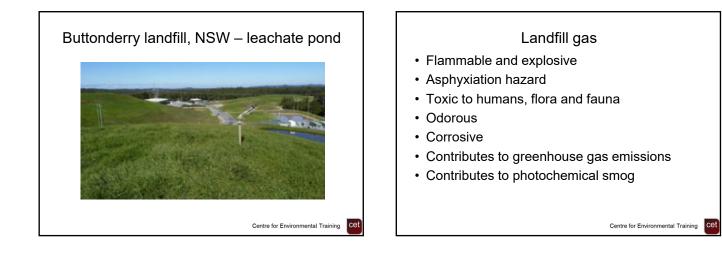


- Evaporation
- Surface irrigation on capped areas subject to salinity management
- · Dust suppression
- Recirculating through bioreactor landfillVariety of treatment options; wetlands,
- aeration in ponds, reverse osmosis (RO)Discharge to sewer, with or without

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pretreatment



## Landfill gas risk assessment

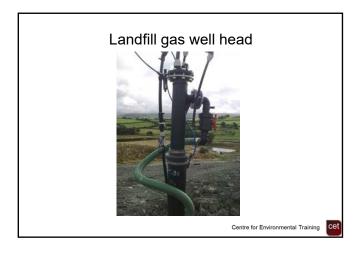
- Quantity, rate and composition of gas generated
- Potential emission pathways from landfill
- Potential risks/hazards to all potential receptors, both on and off site
- Monitoring is an integral part of management
- Monitoring bores
- Action levels defined
- Management by flaring or capture and power generation
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## Landfill gas monitoring

- Portable gas analyser
- Measures  $\text{CH}_{4},$   $\text{CO}_{2},$   $\text{O}_{2},$   $\text{H}_{2}\text{S}$  and CO

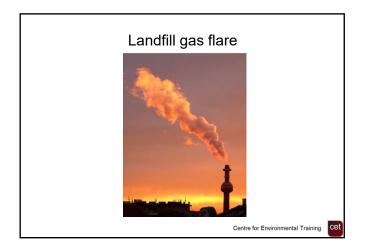












## Beneficial reuse of recycled material in construction

- Engineered tyre walls and hardstands
- Reclaimed crushed brick and concrete in haul roads and for erosion control
- Mulch for cover, rehabilitation
- · Crushed glass and tyres for drainage culverts

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