

facts about

HALLAM ROAD LANDFILL

THE POWER OF YOUR WASTE

The Hallam Road Landfill harnesses the energy of our communities waste using a BioEnergy plant. Landfill cells work like a giant battery, generating biogas which is harnessed into energy to power homes and businesses.



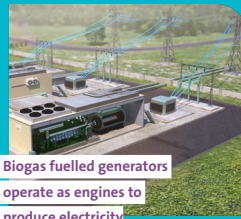
Sophisticated lining system safely and securely stores waste



Water that comes into contact with waste is captured and treated



Biogas generated by waste is harnessed and transformed into energy



Biogas fuelled generators operate as engines to produce electricity



Substation supplies electricity directly to the power grid network

ODOUR IN LANDFILLS

The 3 Types of Landfill Odour

- **Landfill Gas** - a mixture of gases produced as waste decays within landfills - a process known as methanogenesis. Commonly described as a “gassy” odour.
- **Tipface** - odour produced by the aerobic decomposition of municipal solid waste (MSW) in the landfill. Generally compared to a household rubbish bin
- **Leachate** - landfill leachate is liquid that moves through or drains from a landfill. Leachate may become anaerobic if it has been depleted of oxygen due to biological/chemical reactions and can become odorous having an ammonia or sewage-type smell.

Odour in order

Landfill is continually monitored by Veolia and the Environment Protection Authority Victoria (EPA).

Generally landfill odour is noticed when:

- There is prevailing wind.
- Air pressure adjusts.
- Air is still and not dispersed.

Odour and operations

To best manage the landfill long term the site has to undertake construction and maintenance activities. These operations will be undertaken with controls in place, but can be a source of short term disruption. Updates will be posted to our web page and provided to our community reference group for greater understanding.



Veolia feedback & enquiries:
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For more information
scan the QR code