



COMMUNITY INFORMATION UPDATE

EPA ASSESSMENT OF LICENSED LANDFILLS: WORKS ARE IMPROVING LANDFILL GAS MANAGEMENT IN THE CLAYTON SOUTH AREA

August, 2009

Landfill owners are continuing improvements on the three Clayton South sites assessed by EPA Victoria as requiring strengthened gas management. This was described in a previous community information flyer in February 2009, which is available from your local Council and at www.epa.vic.gov.au/waste/landfill-assessments.asp.

These sites were identified by EPA, following a comprehensive methane gas assessment of licensed landfill sites completed earlier this year. The assessment looked at 260 sites in Victoria and found eight that required further investigation.

The owners and operators of the Clayton South landfills have all taken responsibility for the need to appropriately manage their sites, voluntarily undertaking environmental audits to assess if any further actions are warranted. Investigations so far have found no methane impacts on homes or people's safety near the Clayton South landfill sites.

An update on key works

Clayton Road Regional Landfill, operated by Clayton Road Joint Venture:

- Neighbouring properties have been offered in-building monitoring and to date no methane has been detected.
- Extra gas monitoring bores have been installed in target locations around the perimeter of the site.
- A cut-off trench (which is an underground wall that blocks gas movement by creating a physical barrier) has been installed along a section of the site's boundary with Clayton Road. The effectiveness of the wall will continue to be reviewed.
- The on-site gas extraction system has been, and will continue to be improved, to control migration.
- An interim gas management plan has been drafted and commented on by the auditor. This will be further developed over the coming months to meet the auditor's recommendations.
- The audit is complete and will be available at www.epa.vic.gov.au/waste/landfill-assessments.asp shortly.

Fraser Road Landfill, operated by Transpacific Industries Group Ltd:

- Neighbouring properties have been offered in-building monitoring and to date no methane has been detected.
- Additional gas monitoring bores have been installed in target locations around the perimeter of the site.
- On-site gas extraction has been and continues to be optimised. This will be reviewed as part of the audit.
- A gas management plan has been developed, and will be reviewed and further developed as recommended by the audit.
- The audit is due and will be available shortly.

Heatherton Road Landfill, operated by Transpacific Industries Group Ltd

- Neighbouring properties have been offered in-building monitoring and to date no methane has been detected.
- Additional gas monitoring bores have been installed in target locations around the perimeter of the site.
- The on-site gas extraction system is being fully redesigned, and improvements will be implemented over the next few months.
- A cut-off trench (which is an underground wall that blocks gas movement by creating a physical barrier) was installed along the southern section of the eastern boundary. Its effectiveness will be reviewed as part of the audit.
- A gas management plan has been developed for the site, and will be reviewed and further developed as recommended by the audit.
- The audit is due in December 2009.

EPA is confident that owners are committed to improving methane management and that they are taking responsible action intended to address any issues.

The Victorian community rightly expects that all landfill owners monitor and manage their landfills appropriately, and EPA Victoria will continue its role



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regulating and monitoring landfill operators' progress to ensure continued safe management of landfills.

Who to contact

Further information on methane gas, the EPA assessment report, and completed landfill environmental audit reports are available at www.epa.vic.gov.au/waste/landfill-assessments.asp.

For other enquiries about this information please call the site operators or EPA on the numbers below:

Clayton Road Joint Venture Landfill

9558 7220



Transpacific Industries Group Ltd (Heatherton Rd and Fraser Rd)

9552 1713



EPA Victoria

9695 2722