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Environment Protection Act 1970

Act No. 8056/1970

INDUSTRIAL WASTE MANAGEMENT POLICY (PRESCRIBED INDUSTRIAL WASTE)

Prescribed Industrial Waste – Classification by Hazard

Pursuant to clause 11(1) of the Industrial waste management policy (Prescribed Industrial Waste) and in accordance with the criteria presented in Schedule 1 to that policy, the Environment Protection Authority Victoria ('EPA') hereby classifies the prescribed industrial wastes specified in Section 3 below based on the hazard posed by the waste to human health and the environment.

1. CLASSIFICATION NUMBER

2008/002

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Transwaste Technologies Pty Ltd ('the occupier')
- Premises address: 88–90 and 92–94 Ordish Road, Dandenong, Victoria ('the premises')
- EPA licence number: EI23855.

3. PRESCRIBED INDUSTRIAL WASTE TO WHICH THIS CLASSIFICATION APPLIES

3.1 This classification applies to the following prescribed industrial wastes that have undergone treatment at the premises.

- Treatment plant residue treated in accordance with the methodology specified in 'Transwaste Technologies Pty Ltd Application for Classification of Solid Prescribed Industrial Waste: Treatment Plant Residue and Dryer Dust' submitted to EPA on 25 June 2007:
 - containing antimony with:
 - a total concentration not exceeding the range specified in 'Extension of time submission – Classification of Solid Prescribed Industrial Waste: Treatment Plant Residue and Dryer Dust' submitted to EPA on 17 December 2007 ('the Application'); and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996, 'Guidelines for Hazard Classification of Solid Prescribed Industrial Wastes, 2005' (as amended from time to time) ('EPA Publication 996'); and
 - containing di-(2-ethylhexyl) phthalate with:
 - a total concentration not exceeding the range specified in the Application; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
 - containing any other contaminants where contaminant concentrations and leachable concentrations do not exceed any relevant TC2 or ASLP2 thresholds specified in Appendix 3 of EPA Publication 996; and
 - that does not display any of the specific hazard characteristics listed in Appendix 2 of EPA Publication 996; and
- Dryer dust treated in accordance with the methodology specified in 'Transwaste Technologies Pty Ltd Application for Classification of Solid Prescribed Industrial Waste: Treatment Plant Residue and Dryer Dust' submitted to EPA on 25 June 2007:

SPECIAL

- containing antimony with:
 - a total concentration not exceeding the range specified in the Application; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
 - containing di-(2-ethylhexyl) phthalate with:
 - a total concentration not exceeding the range specified in the Application; and
 - a leachable concentration not exceeding the ASLP2 threshold specified in Appendix 3 of EPA Publication 996; and
 - containing any other contaminants where contaminant concentrations and leachable concentrations do not exceed any relevant TC2 or ASLP2 thresholds specified in Appendix 3 of EPA Publication 996; and
 - that does not display any of the specific hazard characteristics listed in Appendix 2 of EPA Publication 996.
- 3.2 This classification does not apply to prescribed industrial wastes that contain contaminated soils as specified by the following waste type codes:
- N119 – ‘Category A contaminated soil’; or
 - N120 – ‘Category B contaminated soil’; or
 - N121 – ‘Category C contaminated soil’.

4. PERIOD OF VALIDITY

This classification commences on 6 February 2008 and is effective until 30 September 2008 unless it is revoked or varied by the EPA before that date.

5. HAZARD CLASSIFICATION

Treatment plant residue and dryer dust (as specified in section 3.1 above) that have been managed in accordance with the conditions of this classification (as set out in Section 6 below) are classified as Category B prescribed industrial wastes.

6. CONDITIONS OF CLASSIFICATION

Treatment plant residue and dryer dust referred to above (‘treated waste’) are only classified as Category B wastes if all of the following conditions have been met.

Waste assessment, treatment and disposal requirements

- 6.1 Treated waste destined for landfill must not contain any free liquid as determined by method 9095A ‘Paint Filter Liquid Test’ in the Test Methods for Evaluating Solid Wastes – Chemical/Physical Methods (USEPA 1997).
- 6.2 Treated waste destined for landfill must not be mixed or contaminated with any other prescribed industrial waste as listed in Part B of Schedule 1 to the Environment Protection (Prescribed Waste) Regulations 1998 or any other treated waste.
- 6.3 Treated waste may only be disposed to a facility licensed by EPA to accept Category B prescribed industrial wastes that are immobilised in accordance with a classification issued by EPA.

Sampling and analysis

- 6.4 The occupier must carry out sampling and analysis of the treated waste as set out in Schedule 1 to this classification.
- 6.5 The sampling of treated waste must be carried out in accordance with EPA Publication 441, ‘A guide to the Sampling and Analysis of Waters, Wastewater, Soils and Waste, 2000’ (as amended from time to time).

6.6 The analysis of treated waste to determine the hazard category must be carried out in accordance with EPA Publication 996.

Monitoring and reporting

6.7 The occupier must provide to EPA, Waste Management Unit:

- (a) a written report for each calendar month by the end of the following month that includes:
- quantities of solid, liquid and sludge prescribed industrial waste accepted into the facility that has undergone or will undergo treatment to produce treatment plant residue and dryer dust;
 - quantities of treatment plant residue and dryer dust disposed to landfill; and
 - analytical results and summary charts for waste analyses as specified in Schedule 1; and
- (b) written reports as required in Schedule 2.

Notification and record keeping

- 6.8 The occupier must keep a copy of all analysis results for treated wastes for a period of at least five years.
- 6.9 The occupier must keep records of transport certificate numbers and associated certificate of analysis report numbers for each load of treated waste sent to landfill for a period of at least two years.
- 6.10 The occupier must immediately notify EPA in writing of any batch of dryer dust or treatment plant residue, analysed as specified in Schedule 1, that exceeds any of the contaminant concentrations and leachable concentrations specified in Section 3.1.

7. NOTE

This classification may be amended or revoked by the EPA by way of written notice in the Victoria Government Gazette. Current classifications can also be found on EPA's website at www.epa.vic.gov.au

Schedule 1: Sampling and analysis requirements

Frequency	Sample Requirements	Frequency	Analytical Parameters
6 Feb 2008 – 30 Sep 2008	One grab sample of treatment plant residue from each treated pit of waste combined into a composite sample for the batch.	One composite sample for each batch, prior to sending to disposal.	Analysis of total contaminant concentrations and leachable concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996: <ul style="list-style-type: none"> – all inorganic species; – C6–C9 petroleum hydrocarbons; – C10–C36 petroleum hydrocarbons (as total recoverable hydrocarbons and as total petroleum hydrocarbons); – benzene, toluene, ethylbenzene, xylenes and styrene; – polycyclic aromatic hydrocarbons; – di-(2-ethylhexyl) phthalate; and – any other contaminant that may be present in the waste.

Frequency	Sample Requirements	Frequency	Analytical Parameters
6 Feb 2008 – 30 Sep 2008	One grab sample of dryer dust from each of ten random one-tonne bags of waste combined into a composite sample for the batch.	One composite sample for each batch, prior to sending to disposal.	Analysis of total contaminant concentrations and leachable concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996: <ul style="list-style-type: none"> – all inorganic species; – C6–C9 petroleum hydrocarbons; – C10–C36 petroleum hydrocarbons (as total recoverable hydrocarbons and as total petroleum hydrocarbons); – benzene, toluene, ethylbenzene, xylenes and styrene; – polycyclic aromatic hydrocarbons; – di-(2-ethylhexyl) phthalate; and – any other contaminant that may be present in the waste.

Schedule 2: Reporting requirements

	Report due date	Report requirements
A	31 Mar 2008	A written report on C10-C36 petroleum hydrocarbons, antimony and di-(2-ethylhexyl) phthalate present in treatment plant residues and dryer dust that identifies, to the extent practicable, the incoming waste sources of each of these contaminants.
B	30 Apr 2008	A written report describing plans to segregate wastes received at the premises after the completion of current works.

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