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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 of 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

2007/008

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 (“the Application”):
 - containing antimony with a leachable concentration not exceeding the ASLP2 thresholds 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 leachable concentration not exceeding the ASLP2 thresholds specified in Appendix 3 of EPA Publication 996; and
 - containing any other contaminants where contaminant concentrations and leachable concentrations do not exceed any TC2 and 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.
- Dryer dust treated in accordance with the methodology specified in the Application:
 - containing antimony with a leachable concentration not exceeding the ASLP2 thresholds specified in Appendix 3 of EPA Publication 996; and
 - containing any other contaminants where contaminant concentrations and leachable concentrations do not exceed any TC2 and 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.

SPECIAL

4. PERIOD OF VALIDITY

This classification commences on 11 July 2007 and is effective until 1 February 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 wastes”) 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 wastes 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 wastes 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

- 6.3 The occupier must carry out waste sampling and analysis as set out in Schedule 1 to this classification.
- 6.4 The sampling of treated wastes 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).
- 6.5 The analysis of treated wastes to determine the hazard category must be carried out in accordance with EPA Publication 996.

Monitoring and reporting

- 6.6 The occupier must provide a report to EPA, Waste Management Unit for each calendar month by the end of the following month that includes:
 - a) 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;
 - b) quantities of treatment plant residue and dryer dust disposed to landfill; and
 - c) analytical results for the waste analyses required in Schedule 1.

Notification and record keeping

- 6.7 The occupier must keep a copy of all analysis results for treated wastes for a period of at least five years.
- 6.8 The occupier must immediately notify EPA in writing of any treated waste that does not meet the requirements of this classification.

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
11 July 07 – 1 Feb 08	One grab sample of treatment plant residue from each treated pit of waste during a period of one week combined into a composite sample.	Twice – once in July 2007 and once in December 2007	Analysis of total contaminant concentrations for all contaminants listed in Appendix 3 of EPA Publication 996. Analysis of leachable concentrations for all contaminants with total concentrations greater than 20 times the ASLP1 threshold in Appendix 3 of Publication 996. Multiple Extraction Procedure for antimony, Di(2-ethylhexyl)phthalate and any other contaminant where the laboratory analysis results show that the total concentration or leachable concentration is greater than the ASLP2 thresholds in Appendix 3 of Publication 996.
11 July 07 – 1 Feb 08	One grab sample of dryer dust from each one tonne bag of waste during a period of one week combined into a composite sample.	Twice – once in July 2007 and once in December 2007	Analysis of total contaminant concentrations for all contaminants listed in Appendix 3 of EPA Publication 996 with leaching analysis as required. Multiple Extraction Procedure for antimony, Di(2-ethylhexyl)phthalate and any other contaminant where the laboratory analysis results show that the total concentration or leachable concentration is greater than the ASLP2 thresholds in Appendix 3 of Publication 996.
11 July 07 – 1 Feb 08	One grab sample of treatment plant residue from each treated pit of waste during a period of one week combined into a composite sample.	Weekly	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 ● Di(2-ethylhexyl)phthalate
11 July 07 – 1 Feb 08	One grab sample of dryer dust from each one tonne bag of waste during a period of one week combined into a composite sample.	Weekly	As above

11 July 07 – 1 Feb 08	Three random (non-composite) samples of treatment plant residue from different truckloads of waste leaving the premises.	Three random samples each month	As above
11 July 07 – 1 Feb 08	Three random (non-composite) samples of dryer dust from different one tonne bags of waste leaving the premises.	Three random samples each month	As above
Oct 07 and Jan 08	One grab sample of treatment plant residue from each treated pit of waste during a period of one week combined into a composite sample.	Quarterly	Analysis of total contaminant concentrations for all contaminants listed in Appendix 3 of EPA Publication 996. Analysis of leachable concentrations for all contaminants with total concentrations greater than 20 times the ASLP1 threshold in Appendix 3 of Publication 996.
Oct 07 and Jan 08	One random (non-composite) sample of treatment plant residue.	Quarterly	As above
Oct 07 and Jan 08	One grab sample of dryer dust from each one tonne bag of waste during a period of one week combined into a composite sample.	Quarterly	As above
Oct 07 and Jan 08	One random (non-composite) sample of dryer dust.	Quarterly	As above

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