



Victoria Government Gazette

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Environment Protection Act 1970

ENVIRONMENT PROTECTION (PRESCRIBED WASTE) (AMENDMENT) REGULATIONS 2007

The Environment Protection (Prescribed Waste) (Amendment) Regulations 2007 were made on 26 June 2007.

Notice is given of the fact that these Regulations incorporate the following:

1. Publication 996 titled "Guidelines for Hazard Classification of Solid Prescribed Industrial Wastes" published by the Authority in June 2005 and as amended from time to time or republished by the Authority;
2. Industrial Waste Management Policy (Prescribed Industrial Waste) published in the Victoria Government Gazette No. S183 on 5 December 2000 and as amended from time to time;
3. Publication 364 titled "The Transport and Disposal of Waste Asbestos" published by the Authority in November 2004 and as amended from time to time or republished by the Authority; and
4. Publication 448 titled "Classification of Wastes" published by the Authority in 2007 and as amended from time to time or republished by the Authority.

Notice is also given that incorporated document Publication 364 titled "The Transport and Disposal of Waste Asbestos" was amended and republished by the Authority in May 2007.

A copy of the abovementioned incorporated documents have been lodged with the Clerk of the Parliaments and are available for inspection during normal business hours at the EPA Library, HWT Building, Podium Level, 40 City Road, Southbank, telephone (03) 9695 2766.

For more information contact the EPA Information Centre on (03) 9695 2722.

MICK BOURKE
Chairman EPA Victoria

Environment Protection Act 1970

ENVIRONMENT PROTECTION (SCHEDULED PREMISES AND EXEMPTIONS) REGULATIONS 2007

The Environment Protection (Scheduled Premises and Exemptions) Regulations 2007 were made on 26 June 2007.

Notice is given of the fact that these Regulations incorporate State environment protection policy (Air Quality Management), published in the Victoria Government Gazette S 240 on 21 December 2001 and as in force from time to time.

A copy of the abovementioned incorporated document has been lodged with the Clerk of the Parliaments and is available for inspection during normal business hours at the EPA Library, HWT Building, Podium Level, 40 City Road, Southbank, telephone (03) 9695 2766.

For more information contact the EPA Information Centre on (03) 9695 2722.

MICK BOURKE
Chairman EPA Victoria

SPECIAL

Environment Protection Act 1970
Act No. 8056/1970

INDUSTRIAL WASTE MANAGEMENT POLICY
(PRESCRIBED INDUSTRIAL WASTE)

Prescribed Industrial Waste –
Classification by Hazard for Barium and Barium Compounds

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 (EPA) hereby classifies the prescribed industrial wastes specified in Section 2 below based on the hazard posed by the waste to human health and the environment.

1. CLASSIFICATION NUMBER

2007/005

2. PRESCRIBED INDUSTRIAL WASTE TO WHICH THIS CLASSIFICATION APPLIES

2.1 This classification applies to prescribed industrial wastes, as listed in Schedule 1 Part B of the Environment Protection (Prescribed Waste) Regulations 1998, containing:

- barium and barium compounds.

3. PERIOD OF VALIDITY

This classification commences on 1 July 2007 and is effective until revoked or varied by the EPA.

4. HAZARD CLASSIFICATION

Prescribed industrial waste containing barium or barium compounds that have been managed in accordance with the conditions of this classification (as set out in Section 5 below) are classified as follow:

- 4.1 Prescribed industrial waste that has a barium contaminant concentration greater than TC2 or a leachable concentration greater than ASLP2 as listed in the table below is classified as Category A waste.
- 4.2 Prescribed industrial waste with a barium contaminant concentration greater than TC1 or a leachable concentration greater than ASLP1, but with a barium contaminant concentration not exceeding TC2 and a leachable concentration not exceeding ASLP2 as listed in the table below is classified as Category B waste.
- 4.3 Prescribed industrial waste with a barium contaminant concentration not exceeding TC1 and a leachable concentration not exceeding ASLP1 as listed in the table below is classified as Category C waste.

Contaminant	ASLP1 (mg/L)	TC1 (mg/kg)	ASLP2 (mg/L)	TC2 (mg/kg)
Barium	70	6,250	280	25,000

- 4.4 The ASLP1, TC1, ASLP2 and TC2 thresholds specified in the table above take the place of the ASLP1, TC1, ASLP2 and TC2 thresholds for barium specified in Appendix 3 to EPA Publication 996, Guidelines for Hazard Classification of Solid Prescribed Industrial Wastes, 2005 (as amended from time to time) (“EPA Publication 996”).

5. CONDITIONS OF CLASSIFICATION

Barium and barium compounds are only classified as above if the following conditions have been met:

- 5.1. Sampling and analysis of the wastes specified in Section 2 must be carried out to determine the hazard category. Such sampling and analysis must be carried out in accordance with Appendix 4 of EPA Publication 996.
- 5.2. If the prescribed industrial waste displays any specific hazard characteristics listed in Appendix 2 or contains any contaminant(s) in addition to barium they must be assessed in accordance with EPA Publication 996 to determine the hazard category.

6. NOTES

- 6.1 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
 - 6.2 EPA is currently conducting a scientific assessment of the barium total concentration thresholds.
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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

2007/006

2. OCCUPIER AND PREMISES TO WHICH THIS CLASSIFICATION APPLIES

- Veolia Environmental Services (Australia) Pty Ltd (“the occupier”)
- Premises address: 2 McDonald Road, Brooklyn, Victoria (“the premises”)
- EPA licence number: ES33769

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.

- Filter cake treated in accordance with the methodology specified in section 4 of the Veolia Environmental Services Pty Ltd Stabilisation/Immobilisation Application submitted to EPA on 30 May 2007 (“the Application”):
 - containing antimony with a leachable concentration less than or equal to 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 C10–C36 petroleum hydrocarbons within the total contaminant concentration range specified in the Application; and
 - that does not display any of the specific hazard characteristics listed in Appendix 2 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.
- Pit sludge treated in accordance with the methodology specified in section 4 of the Application:
 - containing Di (2-ethylhexyl) phthalate with a leachable concentration less than or equal to the ASLP2 thresholds specified in Appendix 3 of EPA Publication 996; and
 - containing C10–C36 petroleum hydrocarbons within the total contaminant concentration range specified in the Application; and
 - that does not display any of the specific hazard characteristics listed in Appendix 2 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.

4. PERIOD OF VALIDITY

This classification commences on 1 July 2007 and is effective until 1 February 2008 unless it is revoked or varied by the EPA before that date.

5. HAZARD CLASSIFICATION

Filter cake and pit sludge that has 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

Filter cake and pit sludge 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 filter cake and pit sludge;
 - b) quantities of filter cake and pit sludge disposed to landfill; and
 - c) analytical results for waste analysis 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

Period	Sample requirements	Frequency	Analytical parameters
1 July 07 – 1 Feb 08	One grab sample of filter cake from each truckload of waste leaving the site during a period of two weeks combined into a composite sample.	Fortnightly	Analysis of total contaminant concentrations and leachable concentrations for the following contaminants listed in Appendix 3 of EPA Publication 996: – All inorganic species – C10–C36 petroleum hydrocarbons – Poly aromatic hydrocarbons – Di (2-ethylhexyl) phthalate
1 July 07 – 1 Feb 08	One grab sample of pit sludge from each truckload of waste leaving the site during a period of two weeks combined into a composite sample.	Fortnightly	As above
1 July 07 – 1 Feb 08	Three random (non-composite) samples of filter cake from different truckloads of waste leaving the site.	Three random samples each month	As above
1 July 07 – 1 Feb 08	Three random (non-composite) samples of pit sludge from different truckloads of waste leaving the site.	Three random samples each month	As above
Oct 07 and Jan 08	One grab sample of filter cake from each truckload of waste leaving the site 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.
Oct 07 and Jan 08	One random (non-composite) sample of filter cake.	Quarterly	As above
Oct 07 and Jan 08	One grab sample of pit sludge from each truckload of waste leaving the site 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 pit sludge.	Quarterly	As above

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