

Environment Protection Act 1970

Act No. 8056/1970

No. S 51, 27 February 2008

INDUSTRIAL WASTE MANAGEMENT POLICY (PRESCRIBED INDUSTRIAL WASTE)

Prescribed Industrial Waste - Classification by Hazard for Arsenic Contaminated Sand, Rock and Mine Tailings from the City of Greater Bendigo Municipality

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

2008/008

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:

- arsenic and arsenic compounds contained in sand and/or rock and/or mine tailings from the City of Greater Bendigo Municipality.

3. PERIOD OF VALIDITY

This classification commences on 19 February 2008 and is effective until revoked or varied by the EPA.

4. HAZARD CLASSIFICATION

Prescribed industrial wastes as specified in Section 2 that have been managed in accordance with the conditions of this classification (as set out in Section 5 below) are classified as follows.

4.1 Sand and/or rock and/or mine tailings from the City of Greater Bendigo Municipality that have an arsenic contaminant total concentration not exceeding the value listed in the table below, and a leachable concentration not exceeding that listed in the table below are classified as Category C waste.

Contaminant	Total Concentration (mg/kg)	Leachable Concentration (mg/L)
Arsenic	5,000	0.7

5. CONDITIONS OF CLASSIFICATION

Arsenic and arsenic compounds ("waste") are only classified as above if the following conditions have been met:

- 5.1. The waste is sand and/or rock and/or mine tailings that has been generated within the City of Greater Bendigo Municipality.
- 5.2. The waste specified in Condition 5.1 must be deposited in the Eaglehawk landfill, Upper California Gully Road, Eaglehawk, in accordance with EPA licence ES397.
- 5.3. Sampling and analysis of the waste must be carried out according to the following requirements:
 - sampling of the waste must be carried out in accordance with EPA Publication 1178, *Soils Sampling Guideline (Off-site Management and Disposal to Landfill)*, 2007 (as amended from time to time);
 - management of samples taken for analysis must be stored, transported and managed in accordance with EPA Publication 441, *A Guide to the Sampling and Analysis of Waters, Wastewaters, Soils and Wastes*, 2000 (as amended from time to time); and
 - analysis of samples to determine contaminant total concentrations and leaching concentrations must be carried out in accordance with EPA Publication 448, *Classification of Wastes*, 2007 (as amended from time to time) ("EPA Publication 448").
- 5.4. If the prescribed industrial waste displays any specific hazard characteristics listed in Table 6 of EPA Publication 448 or contains any contaminant(s) in addition to arsenic, the waste must be assessed in accordance with EPA Publication 448 to determine the hazard category for those contaminants and hazard characteristics.

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 conducting a scientific assessment of arsenic in sand, rock and mine tailings from the City of Greater Bendigo Municipality.