

GENERAL APPROVAL OF THE IMMOBILISATION OF CONTAMINANTS IN WASTE

Pursuant to the provisions in Clause 28 of the *Protection of the Environment Operations (Waste) Regulation 1996* the New South Wales Environment Protection Authority has authorised the following general approval of the immobilisation of contaminants in waste:

A) APPROVAL NUMBER

1999/06

B) SPECIFICATION OF WASTE STREAM

Used oil absorbent materials.

C) CONTAMINANTS APPROVED AS IMMOBILISED

Total petroleum hydrocarbons C₁₀ - C₃₆

D) TYPE OF IMMOBILISATION

Natural

E) MECHANISM OF IMMOBILISATION

Oil absorbent materials for cleaning up spilt Total Petroleum Hydrocarbons C₁₀ - C₃₆ are capable of securely containing more than 100% of their own mass of such hydrocarbons. This is due to the high surface area and special physical/chemical properties of these absorbent materials, which favour the adsorption and absorption of oily hydrocarbons compounds in a stable manner. Total Petroleum Hydrocarbons C₁₀ - C₃₆ that are contained within the used oil absorbent materials are immobilised and will not be released as free liquids during handling, transportation and disposal.

F) CONDITIONS OF APPROVAL

- *Packaging Requirements*

Powdery used oil absorbent materials must be bagged or drummed or otherwise contained to facilitate safe handling and disposal.

- *Waste Assessment Requirements*

The total concentration (SCC) limits for Total Petroleum Hydrocarbons C₁₀ - C₃₆ listed in Table A4 of the *Environmental Guidelines: Assessment, Classification and Management of Liquid and Non-Liquid Wastes* (Waste Guidelines – EPA 1999) do not apply to the assessment of used oil absorbent materials.

Any contaminants listed in Table A4 of the Waste Guidelines (other than Total Petroleum Hydrocarbons C₁₀ - C₃₆) that are contained within used oil absorbent materials must be assessed in accordance with Technical Appendix 1 of the Waste Guidelines.

The used oil absorbent materials must not contain any free liquids as defined in the Waste Guidelines.

- *Disposal Restrictions*

Used oil absorbent materials subject to this approval that meet the requirements of the Waste Guidelines for classification as 'inert waste' or 'solid waste' may only be disposed of at solid waste landfills or industrial waste landfills which have currently operating leachate-management systems and which are licensed to receive that particular class of waste, and that have licence conditions to receive waste subject to immobilisation approvals with this type of disposal restriction. Used oil absorbent materials subject to this approval that are classified as 'industrial waste' must be disposed of at industrial waste landfills.

The interpretation of the above disposal restrictions should be referred to Part 5 of Technical Appendix 2 of the Waste Guidelines.

- *Record keeping requirements*

The responsible person is required to keep records of the management and disposal used oil absorbent materials that are classified as industrial waste or hazardous waste for a period of at least 3 years from the date which these wastes are disposed of off site.

- *Waste Management Requirements*

The responsible person should ensure the landfill is permitted by conditions in its licence to receive waste subject to immobilisation approvals with the above disposal restrictions.

1.1.1 G) RESPONSIBLE PERSON

The person or class of persons to whom this general approval relates is the person who carries out the assessment and classification for the purpose of this approval. The responsible person must comply with the conditions of this approval.

Environment Protection Authority

Per: Roz Hall

Manager Waste Policy

By Delegation