

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

1999/03

B) SPECIFICATION OF WASTE STREAM

Cattle-dip contaminated soil.

C) CONTAMINANTS APPROVED AS IMMOBILISED

Arsenic.

D) TYPE OF IMMOBILISATION

Natural.

E) MECHANISM OF IMMOBILISATION

Arsenic compounds are mineralised through adsorption and incorporation onto and within the naturally occurring minerals present in the cattle-dip contaminated soil.

F) CONDITIONS OF APPROVAL

- Packaging Requirements

None

- *Waste Assessment Requirements*

The total concentration (SCC) limits for Arsenic 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 cattle-dip contaminated soil. With respect to Arsenic cattle-dip contaminated soil may be classified according to their respective leachable concentration (TCLP) values alone.

Any contaminants listed in Table A4 of the Waste Guidelines (other than Arsenic) that are contained within cattle-dip contaminated soil must be assessed in accordance with Technical Appendix 1 of the Waste Guidelines.

The cattle-dip site soil must not contain any free liquids as defined in the Waste guidelines.

- *Disposal Restrictions*

Cattle-dip contaminated soil subject to this approval must not be co-disposed with putrescible waste (monocell or monofill disposal is recommended).

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 of Cattle-dip contaminated soil, which is assessed as industrial waste or hazardous waste, for a period of at least 3 years from the date which the contaminated soil is 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