



MINISTER FOR THE ENVIRONMENT;
LABOUR RELATIONS

Statement No.

000533

**STATEMENT TO AMEND CONDITIONS APPLYING TO A PROPOSAL
(PURSUANT TO THE PROVISIONS OF SECTION 46 OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

**DISPOSAL BY SHAFT ENTOMBMENT OR TRENCH BURIAL
OF A RANGE OF INTRACTABLE WASTES
AT THE INTRACTABLE WASTE DISPOSAL FACILITY
MT WALTON EAST, SHIRE OF COOLGARDIE**

Proposal:

The Intractable Waste Disposal Facility is located at Mt Walton East, 125 kilometres north-west of Kalgoorlie-Boulder, in the Shire of Coolgardie (see figure 1).

The proposal involves the disposal by shaft entombment or trench burial of a range of intractable wastes as included in the list of potential wastes for disposal at the facility.

The list of potential wastes for disposal at the facility may be revised from time to time by the Minister for the Environment on the advice of the Environmental Protection Authority (copy attached).

Proponent:

Waste Management (WA)

Proponent Address:

Level 8, 141 St George's Terrace, Perth WA 6000

Assessment Number:

1127

Previous Assessment Number:

823

Previous Statement Number:

Statement No. 353 (published on 28 April 1994)

Report of the Environmental Protection Authority:

Bulletin 954

Previous Report of the Environmental Protection Authority:

Bulletin 726,
December 1993

The implementation of this proposal is subject to the conditions and procedures contained in Ministerial Statement No. 353 (April 1994), as amended by the following conditions and procedures:

Published on

19 JAN 2000

Condition 2 of Statement No. 353 is deleted and the following condition is inserted:

2 Implementation

- 2-1 Subject to these conditions and procedures, the proponent shall implement the proposal as documented in schedule 1 of this statement.
- 2-2 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment determines, on advice of the Environmental Protection Authority, is substantial, the proponent shall refer the matter to the Environmental Protection Authority.
- 2-3 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment determines, on advice of the Environmental Protection Authority, is not substantial, those changes may be effected.

Condition 5 of Statement No. 353 is deleted and the following condition is inserted:

5 Acceptable Wastes

- 5-1 The proponent shall only dispose of intractable wastes identified in Appendix 1, Environmental Protection Authority Bulletin 726, "Potential Wastes for Disposal at the Intractable Waste Disposal Facility, Mt Walton East," as revised from time to time by the Minister for the Environment on the advice of the Environmental Protection Authority. (A copy of the revised Appendix 1 is attached.)

Condition 7 is inserted:

7 Environmental Management Plan

- 7-1 The proponent shall prepare an Environmental Management Plan for each consignment of waste proposed for disposal at the Intractable Waste Disposal Facility, Mt Walton East to the requirements of the Environmental Protection Authority.

This Plan shall include a review of alternative destruction technologies practicably available in Australia at that time for the waste proposed for disposal, to the requirements of the Environmental Protection Authority.

CHEYL EDWARDES (Mrs) MLA
MINISTER FOR THE ENVIRONMENT

19 JAN 2000

Schedule 1

Proposal (823/1127)

The Intractable Waste Disposal Facility, Mt Walton East is located approximately 125 kilometres north-west of Kalgoorlie-Boulder in the Shire of Coolgardie.

The proposal is for the disposal by shaft entombment or trench burial of a range of intractable wastes as provided for in the list of potential wastes for disposal at the facility and documented in Ministerial Statement No. 353.

Following Assessment No. 168 (Public Environmental Review "Proposed Integrated Hazardous Waste Disposal Facility" Health Department of Western Australia (1988), the Minister for the Environment set conditions (Statement No. 44) for the facility to include the burial of low level radioactive wastes and the disposal of other solid intractable wastes of a chemical nature. Condition 9 of Statement No. 44 requires the referral of any proposal to dispose of wastes other than those specified to the Environmental Protection Authority. Condition 13 of Statement No. 44 requires the production of an "Environmental Management Program" for disposal of "other wastes" and hence is relevant to this proposal.

The list of potential wastes for disposal at the facility may be revised from time to time by the Minister for the Environment on the advice of the Environmental Protection Authority.

Table 1 summarises the key proposal characteristics.

Table 1: Key proposal characteristics (823/1127)

Element	Description
Site location	The Intractable Waste Disposal Facility (IWDF), Mt Walton East is located approximately 125 kilometres north-west of Kalgoorlie-Boulder in the Shire of Coolgardie.
Potential wastes	The list of potential wastes identified in Appendix 1 of Bulletin 726 "Potential Wastes for Disposal at the IWDF, Mt Walton East", as revised from time to time by the Minister for the Environment on the advice of the Environmental Protection Authority. (An updated copy of Appendix 1 is attached.)
Process	Shaft entombment or trench burial of waste capped with water-shedding dome.
Environmental Management Plan	<p>Each application to dispose of intractable wastes identified in Appendix 1 will require the preparation of an Environmental Management Plan (including consideration of alternative destruction technologies) for disposal of those wastes at the IWDF, Mt Walton East.</p> <p>Issues to be considered in the Environmental Management Plan include:</p> <ul style="list-style-type: none"> • transportation; • details of packaging; • emergency procedures; • disposal of waste containers and other solid wastes from the facility; <p>and</p> <ul style="list-style-type: none"> • a monitoring program; <p>For the transport operation the proponent will:</p> <ul style="list-style-type: none"> • establish detailed specifications for waste loading, transfer and unloading areas; • outline specific safeguards for rail containers and their contents; • identify responsibility for the various aspects of transport and transfer operations; • prepare contingency plans for dealing with spillages should they occur; <p>and</p> <ul style="list-style-type: none"> • liaise with the local communities over emergency procedures.
Reporting	Monitoring reports submitted to the Environmental Protection Authority every 6 months, and at least every 12 months, a report documenting on-going monitoring programs and status of wastes disposed of on-site.

Figure 1 (attached) - Regional location.

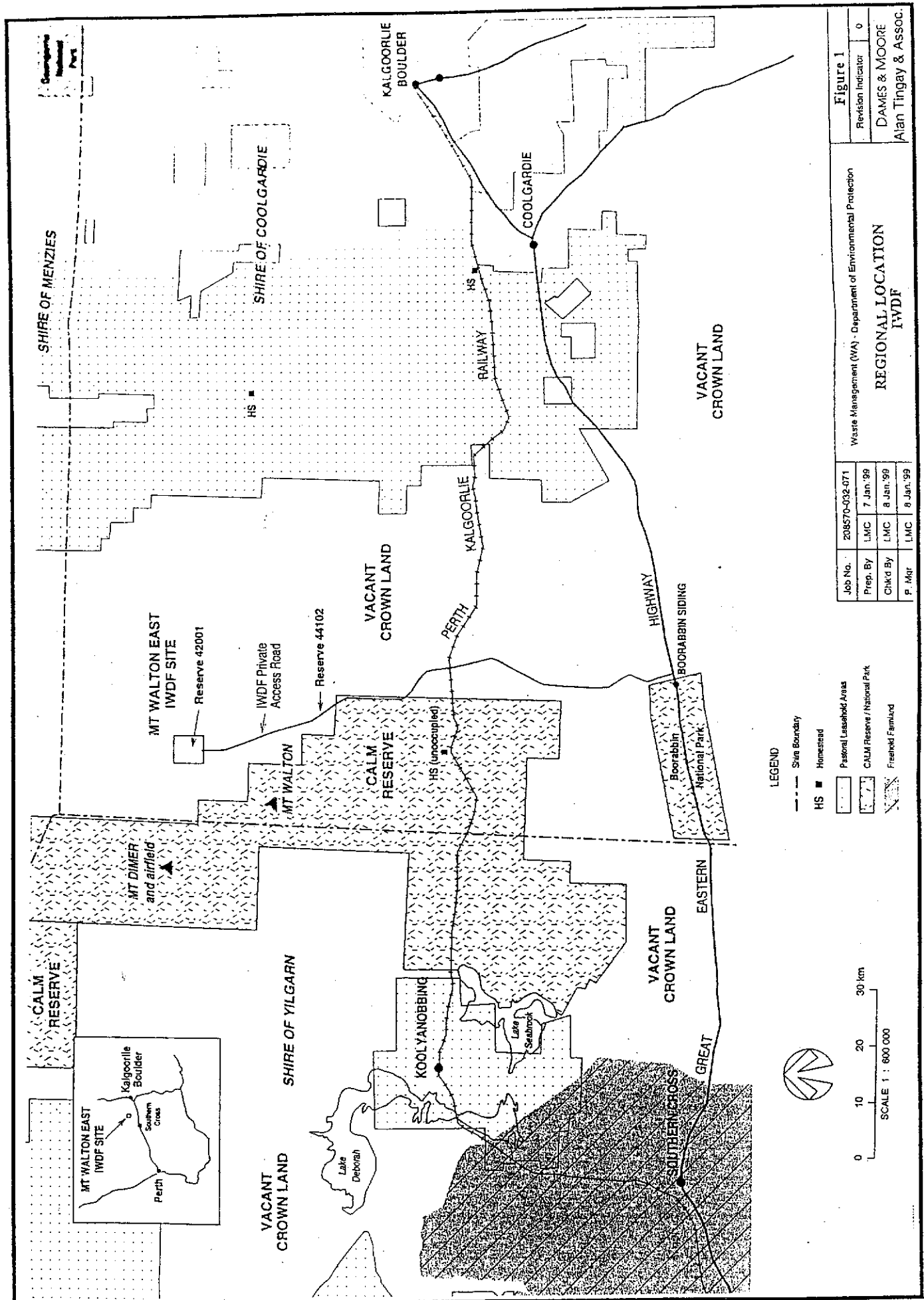


Figure 1. Regional Location IWDF. (Courtesy of Dames & Moore)

APPENDIX 1 - REVISED

DISPOSAL BY SHAFT ENTOMBMENT OR TRENCH BURIAL OF A RANGE OF
INTRACTABLE WASTES AT THE INTRACTABLE WASTE DISPOSAL FACILITY
MT WALTON EAST (823)

POTENTIAL WASTES FOR DISPOSAL
at the
INTRACTABLE WASTE DISPOSAL FACILITY
MT WALTON EAST
as at 7 March 1997

Note: the following list may be revised from time to time.

**POTENTIAL WASTES FOR DISPOSAL AT THE INTRACTABLE WASTE
DISPOSAL FACILITY, MT WALTON EAST
as at 7 March 1997**

- Aluminium
- Cadmium
- Chromium
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Nickel
- Strontium
- Vanadium
- Zinc

(and their compounds)

Materials contaminated with:

- Aldrin
- Chlordane
- DDT
- Dieldrin
- Heptachlor
- Other organochlorines
- Arsenical pesticides

Household chemicals:

- excluding highly acidic, alkaline, volatile, flammable or otherwise reactive chemicals
- including insecticides, fungicides, herbicides and other pesticides

Other materials which may be disposed of at the facility include:

- Polycyclic aromatic hydrocarbons
- Phenols and their derivatives
- Coal tars
- Flyash
- Asbestos
- Materials contaminated with polychlorinated biphenyls
- Radionuclides (low level radioactive wastes)
- Arsenical sheep dip
- Arsenic-bearing wastes produced as industrial by-products
- non-reactive solid wastes arising from acrylamide material.