



WESTERN AUSTRALIA
MINISTER FOR THE ENVIRONMENT

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

REDHILL WASTE MANAGEMENT FACILITY EXTENSION (458)

EASTERN METROPOLITAN REGIONAL COUNCIL

This proposal may be implemented subject to the following conditions:

1 Proponent Commitments

In implementing the proposal, the proponent shall fulfil the commitments (which are not inconsistent with the conditions or procedures contained in this statement) made and included as Appendix 1 in Environmental Protection Authority Bulletin 569 (A copy of the commitments is attached).

2 Implementation

Subject to these conditions, the manner of detailed implementation of the proposal shall conform in substance with that set out in any designs, specifications, plans or other technical material submitted by the proponent to the Environmental Protection Authority with the proposal. Where, in the course of that detailed implementation, the proponent seeks to change those designs, specifications, plans or other technical material in any way that the Minister for the Environment determines on the advice of the Environmental Protection Authority, is not substantial, those changes may be effected.

3 Pest, Fire and Disease Control

3-1 The proponent shall prepare a plan for the control and eradication of introduced pests and diseases and for the control of fires, to the satisfaction of the Environmental Protection Authority on advice of the Department of Conservation and Land Management and the Health Department of Western Australia.

3-2 The proponent shall implement the plan required by condition 3-1 to the satisfaction of the Environmental Protection Authority on advice of the Department of Conservation and Land Management and the Health Department of Western Australia.

4 Visual Aspects

The proponent shall conduct and maintain screen plantings in the vicinity of the site of the landfill, with particular attention to the exposure from Toodyay Road and the Swan Coastal Plain, to the satisfaction of the Environmental Protection Authority on advice of the Main Roads Department.

5 Industrial Waste

5-1 The proponent shall ensure that all industrial waste believed to be potentially hazardous is handled in accordance with the Procedure - Industrial Waste following these conditions.

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5-2 The proponent shall record the details of all potentially hazardous industrial waste disposed at the site in a written log, including the following:

- source of waste,
- date of acceptance,
- volume,
- description/analysis of content,
- any additional on-site treatment provided; and
- the cell or location into which disposal occurs,

to the satisfaction of the Environmental Protection Authority.

6 Decommissioning

The proponent is responsible for construction, operation, decommissioning, rehabilitation and post-closure management of the site until such time as the waste has fully degraded, as determined by the Environmental Protection Authority.

6-1 At least six months prior to closure, the proponent shall prepare an Environmental Management Programme for decommissioning, rehabilitation and post-closure management of the site, to the satisfaction of the Environmental Protection Authority.

6-2 The proponent shall implement the Environmental Management Programme required by condition 6-1 to the satisfaction of the Environmental Protection Authority.

7 Proponent

No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister for the Environment has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.

8 Time Limit on Approval

If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in this statement shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has been substantially commenced. Any application to extend the period of five years referred to in this condition shall be made before the expiration of that period, to the Minister for the Environment by way of a request for a change in the condition under Section 46 of the Environmental Protection Act. (On expiration of the five year period, further consideration of the proposal can only occur following a new referral to the Environmental Protection Authority).

PROCEDURE

Industrial Waste

All classes and types of industrial waste intended for disposal at this facility shall be assessed as follows:

1. Prior to disposal of potentially hazardous industrial waste at this facility, the Health Department of Western Australia and the Environmental Protection Authority shall develop and agree on an assessment procedure that determines the acceptability (or otherwise) of the various classes and types of waste for disposal at this facility.

2. The Health Department of Western Australia shall prepare a first draft of the assessment procedure referred to in 1 above within three months of the date of this statement.
3. Based on the agreed assessment procedure referred to in 1 above, only hazardous industrial waste that meets the acceptability requirements can be disposed of at this facility.
4. The assessment procedure shall allow for the different classes and types of industrial waste to be either:
 - co-disposed with municipal waste;
 - disposed away from the municipal waste (but using the same leachate collection system);
 - contained in separate cells designed to allow separate leachate collection and subsequent treatment and/or recycling, whichever is appropriate; or
 - considered unsuitable for disposal at this facility.
5. Should the agencies not reach agreement on the assessment procedure referred to in 1 above, the Ministers for Health and the Environment shall determine the matter.

Bob Pearce MLA
MINISTER FOR THE ENVIRONMENT

14 JUL 1992

PROPONENT'S COMMITMENTS

REDHILL WASTE MANAGEMENT FACILITY EXTENSION (458)

EASTERN METROPOLITAN REGIONAL COUNCIL

The proponent has made the following environmental commitments:

7. Commitments

7.1 DESIGN AND MANAGEMENT: GENERAL

The extensions to the Redhill waste disposal facility will be designed to the same high standards as the existing facility. Particular emphasis will be placed on the visual appearance during the operational life of both sites to fit in with the existing surrounding landscape. The design will comply with the Department of Health guidelines.

In response to submissions made by the MRD, the existing site and proposed extension will be designed on the basis of Option No. 3 described in the CER, to allow for the proposed "Orange Route" national highway and associated "spine road". Design Option No. 3 allows for all waste to be deposited within Strelly Brook or Jane Brook catchments. It is expected that all groundwater and surface water flows from the site will be contained within the Strelly Brook and Jane Brook catchment.

Responsibility:	EMRC
To satisfaction of:	Department of Health
Timing:	Design to commence post EPA approvals, and site management to be an on-going task

7.2 SHORT TERM SCREENING

Vegetation screen planting will be implemented at the Toodyay Road end of the site to provide an improvement in the aesthetics of the existing operation.

Responsibility:	EMRC
To satisfaction of:	Department of Health
Timing:	Planting to commence after the granting of EPA approvals

7.3 REHABILITATION AND END USE

The area will be progressively re-vegetated with vegetation suitable for each of the three zones of the tip area to blend the finished landfill site into the existing landscape.

1. The flatter top areas
2. The steeper flanks of the landfill
3. The margins of the site with no landfill beneath the surface

The end use of the site will be a parking and picnic area with potential for walking tracks and lookout, finished to a standard that will enhance the appearance and utility of the area.

Responsibility:	EMRC
To satisfaction of:	Department of Health/EPA
Timing:	On-going rehabilitation to be carried out in conjunction with management of the site

7.4 COMMUNITY INVOLVEMENT

EMRC will continue its policy of community consultation by making available EMRC meeting minutes to the public, and addressing any concerns arising directly with community members. This will ensure that the views and concerns of local residents are known and taken into account on a continuing basis.

Responsibility:	EMRC
To satisfaction of:	Department of Health
Timing:	On-going commitment

7.5 RECYCLING

A limited amount of on-site recycling is carried out at the existing site. Similar facilities will be incorporated into the new site, if the demand exists, when operations commence there.

The EMRC is considering moves to encourage recycling off-site of household garbage in member council areas.

Responsibility:	EMRC
To satisfaction of:	Department of Health
Timing:	On-site recycling to commence at commissioning of new site, and off-site recycling activities to be investigated

7.6 FIRE MANAGEMENT PLAN

The EMRC will prepare a Fire Management Plan for the new site. The plan will take into account the 9000 litre water tanker stationed on the existing site full time. Fire breaks are currently maintained on the existing site and these will be extended as necessary on the opening of the extension.

Responsibility:	EMRC
To satisfaction of:	Department of Health/Swan Shire Fire Brigade
Timing:	Prepared after granting of EPA approvals

7.7 MONITORING

Surface and groundwater will be monitored at 3 monthly intervals to ensure its compatibility for release to the environment. Water that has been contaminated to an unacceptable level will be recirculated on site.

Landfill gas will be monitored to analyse the gas constituents and pressure.

Responsibility:	EMRC
To satisfaction of:	Department of Health
Timing:	On-going commitment, frequency of measurements will be under continuous review

Surface water from active areas of the site will be controlled with retention basins and drains. Water retained will be monitored at 3 monthly intervals to ensure it is of satisfactory quality to release. Water that has been contaminated to an unacceptable level will be recirculated on site.

Groundwater will be monitored at 3 monthly intervals to check the integrity of the groundwater and leachate control system. If unacceptable contamination is found, remedial action will be taken to recirculate contaminated water or intercept its movement.

7.8 CLOSURE OF SITE

The EMRC will continue its responsibility for the Redhill landfill site after closure until it is no longer discharging effluent. The EMRC will consider the costs of this responsibility and will make provision for these costs in the management and operation of the site.

Responsibility:	EMRC
To satisfaction of:	Department of Health/EPA
Timing:	On-going commitments

Attachment 1 to Ministerial Statement 274

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment 1 of Ministerial Statement 274

Proposal: Red Hill Waste Management Facility Extension for Lot 12

Proponent: Eastern Metropolitan Regional Council

Changes:

- Incorporate part of Lot 12 of the Red Hill Waste Management Facility into the authorised extent of MS 274;
- To construct and operate landfill cells within part of Lot 12 as per L8889; and
- To construct separately located leachate ponds on Lot 12 where:
 - One area is used to store leachate generated from the greenwaste processing area; and
 - One area is used to store leachate generated from Class III cells.

Table 1: Summary of the Proposal

Proposal Title	Red Hill Waste Management Facility Extension for Lot 12
Short Description	The proposal includes the extension to the Red Hill Waste Management Facility authorized extend to incorporate operations occurring within Lot 12. The extension into Lot 12 allows for the construction and operation of landfill cells and leachate storage areas for Class III and greenwaste materials.

Table 2: Location and authorised extent of physical and operational elements

Element	Location	Previously Authorised Extent	Authorised Extent
Project Life	N/A	14 years	42 years
Location	N/A		
Lots	N/A	1, 2 and 11	1, 2, 11 and 12 (as delineated in Figure 1)
Landfill Cells	N/A	Approved for construction on Lots 1, 2 and 11	Approved for construction on Lots 1, 2, 11 and 12 (as delineated in Figure 1)
Leachate Ponds	N/A	Approved for construction on Lots 1, 2 and 11	Approved for construction on Lots 1, 2, 11 and 12 (as delineated in Figure 1)
Siltation Ponds	N/A	Approved for construction on Lots 1, 2 and 11	Approved for construction on Lots 1, 2, 11 and 12 (as delineated in Figure 1)
Wastes permitted	N/A	Class III	Class III

Note: Text in **bold** in Table 2 indicates a change to the proposal.

Table 3: Abbreviations

Abbreviation	Term
ha	hectare
km	kilometre
GL	gigalitre

Figures (attached)

Figure 1 Proposal's Development Envelope

Coordinates defining the Approved Total Disturbance Area for the Red Hill Waste Management Facility Extension for Lot 12 are held by the Department of Water and Environmental Regulation (Document Reference Number: 2018-1530841258663).

[Signed 26 June 2018]

Dr Tom Hatton

CHAIRMAN

Environmental Protection Authority
under delegated authority



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Unique Record ID:

Figure 1: Proposal's Development Envelope