



WESTERN AUSTRALIA

MINISTER FOR THE ENVIRONMENT

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

PROPOSED WASTE DISPOSAL SITE AT NARNGULU (244)

CITY OF GERALDTON

This proposal may be implemented subject to the following conditions:

1. In implementing the proposal, the proponents shall fulfil the commitments (which are not inconsistent with the conditions or procedures contained in this statement) made in the Consultative Environmental Review (A copy of the commitments is attached).
2. 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 proponents to the Environmental Protection Authority with the proposal. Where, in the course of that detailed implementation, the proponents seek 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. Prior to commencement of excavation works the proponents shall determine and then subsequently implement a minimum separation between the base of the landfill and the highest known groundwater level to the satisfaction of the Minister for the Environment on advice of the Environmental Protection Authority, the Geological Survey of Western Australia and the Health Department of Western Australia.
4. Prior to the commencement of tipping operations at each stage the proponents shall:
 - (1) Line the base and sides of the landfill with a minimum of 0.5 m of compacted clay to the satisfaction of the Minister for the Environment on advice of the Environmental Protection Authority, Geological Survey of Western Australia and the Health Department of Western Australia.
 - (2) Install monitoring bores at depths and locations to the satisfaction of the Minister for the Environment on advice of the Environmental Protection Authority, the Water Authority of Western Australia, Geological Survey of Western Australia and the Health Department of Western Australia.
 - (3) Prepare and then subsequently implement a methane gas management plan to the satisfaction of the Minister for the Environment on advice of the Environmental Protection Authority, and the Health Department of Western Australia.
5. The frequency of monitoring groundwater quality in the monitoring bores, parameters to be monitored and reporting mechanisms shall be to the satisfaction of the Environmental Protection Authority on advice of the Chemistry Centre, the Water Authority of Western Australia and the Health Department of Western Australia. Monitoring shall be commenced following construction and prior to commencement of tipping.

Published on
21 AUG 1991

6. If, as a result of waste management operations practised at the landfill site, monitoring indicates groundwater quality is being affected to an unacceptable degree, as determined by the Environmental Protection Authority, the proponents shall jointly prepare and then subsequently implement a strategy for clean-up of groundwater contamination to the satisfaction of the Environmental Protection Authority on advice of the Water Authority of Western Australia and the Health Department of Western Australia.
7. Within two years after the date of commencement of this proposal the proponents shall jointly prepare a draft decommissioning and post-closure management plan to the satisfaction of the Environmental Protection Authority on advice of the Health Department of Western Australia.
8. At least two years prior to closure the proponents shall jointly prepare and then subsequently implement a final decommissioning and post-closure management plan, to the satisfaction of the Environmental Protection Authority on advice of the Health Department of Western Australia.
9. The proponents shall jointly be responsible for construction, operation, decommissioning and post-closure management of the site until such time as the waste has fully degraded, to the satisfaction of the Environmental Protection Authority on advice of the Health Department of Western Australia.
10. No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponents shall take place until the Minister for the Environment has advised the proponents 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.
11. If the proponents have 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).

Bob Pearce, MLA
MINISTER FOR THE ENVIRONMENT

20 AUG 1991

PROPOSERS COMMITMENTS

PROPOSED WASTE DISPOSAL SITE AT NARNGULU

CITY OF GERALDTON AND SHIRE OF GREENOUGH

The proposers have made the following commitments.

1. The proposers commit to lining the sanitary landfill and septage treatment plant with clay prior to wastes being placed in the facility. This will be done to the satisfaction of the Environmental Protection Authority, the Health Department and the Water Authority.
2. The proposers commit to capping the sanitary landfill and the septage treatment plant with 1 m of clay material and sand and finishing it with a 2% slope. This will be done to the satisfaction of the Environmental Protection Authority and the Health Department.
3. The Shire of Greenough commits to putting in place a buffer zone around the Meru facility in which all new residential developments will be excluded until the end of the working life of the facility. This will be to the satisfaction of the Environmental Protection Authority (*)
4. The proposers commit to the construction of a 2.4 m high fence around the facility. This will be done to the satisfaction of the Health Department.
5. The proposers commit to management practices which will limit the production of leachate, odour and litter, and limit the potential for fire and pest problems. This will include daily covering of refuse. The above will be done to the satisfaction of the Health Department and the Environmental Protection Authority.
6. The proposers commit to installing one multiport bore west of the site and using it to conduct a sampling programme to detect any groundwater contamination emanating from it. This will be done to the satisfaction of the Environmental Protection Authority and the Health Department.
7. The proposers commit to planting a suitable screen of trees around the boundaries of the site. This will be done to the satisfaction of the Environmental Protection Authority.
8. The proposers commit to supplying details of the volume and nature of any hazardous and liquid wastes and the design of facilities to receive these wastes prior to them being received by the Meru facility. This information will be submitted to the Environmental Protection Authority and the Health Department.
9. The proposers commit to rehabilitating the site in accordance with the Management Plan for its use as agricultural land. This will be done to the satisfaction of the Environmental Protection Authority.

(*) An alteration to the buffer zone originally proposed in the Consultative Environmental Review has been considered by the Environmental Protection Authority. The Authority has advised the Minister for the Environment that the proposed change to the buffer zone would most likely be environmentally acceptable and that this issue could be adequately managed following the setting of these Ministerial Conditions.