



Statement No.

MINISTER FOR THE ENVIRONMENT AND HERITAGE

000588

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

**CHANGE TO PLANT PROCESSES AND WASTE ACCEPTANCE CRITERIA
AT THE BROOKDALE LIQUID WASTE TREATMENT FACILITY,
CITY OF ARMADALE**

Proposal: The proposal is to change plant processes, and to allow the acceptance of a wider range of "liquid wastes" and "hazardous liquid wastes" being:

- acids and alkalis with pH values outside the range of 2 to 12.5;
- oxidising and reducing agents which formerly required pre-treatment off-site;
- chlorinated organic chemicals;
- ancillary organic chemicals; and
- flammable liquids.

Note 1: Radioactive and explosive wastes are excluded.

Note 2: "liquid wastes" also includes oily rags, sludges and small quantities of packaged chemicals in solid form.

Proponent: Waste Management (WA)

Proponent Address: 141 St George's Terrace, Perth WA 6000

Assessment Number: 1000

Report of the Environmental Protection Authority: Bulletin 1039

The proposal referred to above may be implemented subject to the following conditions and procedures:

Procedural conditions

1 Implementation and Changes

I-1 The proponent shall implement the proposal as documented in schedule 1 of this statement subject to the conditions of this statement.

Published on

18 MAR 2002

- 1-2 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 and Heritage determines, on advice of the Environmental Protection Authority, is substantial, the proponent shall refer the matter to the Environmental Protection Authority.
- 1-3 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 and Heritage determines, on advice of the Environmental Protection Authority, is not substantial, the proponent may implement those changes upon receipt of written approval from the Environmental Protection Authority.

2 Proponent Commitments

- 2-1 The proponent shall implement the environmental management commitments documented in schedule 2 of this statement.
- 2-2 The proponent shall implement subsequent environmental management commitments which the proponent makes as part of the fulfilment of the conditions and procedures in this statement.

3 Proponent Nomination and Contact Details

- 3-1 The proponent for the time being nominated by the Minister for the Environment and Heritage under section 38(6) or (7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal until such time as the Minister for the Environment and Heritage has exercised the Minister's power under section 38(7) of the Act to revoke the nomination of that proponent and nominate another person as the proponent for the proposal.
- 3-2 If the proponent wishes to relinquish the nomination, the proponent shall apply for the transfer of proponent and provide a letter with a copy of this statement endorsed by the proposed replacement proponent that the proposal will be carried out in accordance with this statement. Contact details and appropriate documentation on the capability of the proposed replacement proponent to carry out the proposal shall also be provided.
- 3-3 The nominated proponent shall notify the Environmental Protection Authority of any change of contact name and address within 60 days of such change.

Environmental conditions

4 Limitations on Hazardous Liquid Wastes to be Received

4-1 The proponent shall cease to accept or store the following hazardous liquid wastes (see procedure 1 in relation to the definition of "hazardous wastes") at the facility as soon as practicable, but no later than the date specified:

- perchlorethylene: - Note: Acceptance and storage of this hazardous liquid waste ceased on 28 February 2002;
- polychlorinated biphenyls: - Note: Acceptance and storage of this hazardous liquid waste ceased on 28 February 2002;
- chlorinated pesticides: - 30 June 2002;
- acids and bases, free cyanide and hexavalent chromium (Group F hazardous wastes): - 30 June 2002; and
- the remainder of the hazardous liquid wastes: - 30 June 2002.

4-2 The proponent shall report to the Minister for the Environment and Heritage every three months following approval on progress towards giving effect to condition 4-1.

5 Decommissioning Plan

5-1 Prior to 30 June 2002, the proponent shall prepare a Decommissioning Plan which provides the framework to ensure that the site is left in a condition which meets the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority.

Note:

In preparation of advice to the Minister for the Environment and Heritage, the Environmental Protection Authority expects that the advice of the following agencies will be obtained:

- the Department of Health;
- the Water and Rivers Commission; and
- the Department of Mineral and Petroleum Resources.

The Decommissioning Plan shall address:

1. removal, or if appropriate, retention of plant and infrastructure associated solely with the treatment or storage of hazardous liquid wastes;
2. ground water quality;
3. soil quality;
4. remedial actions, if required; and
5. rehabilitation of all disturbed areas to a standard suitable for the agreed future land use(s).

- 5-2 The proponent shall implement the Decommissioning Plan required by condition 5-1 until such time as the Minister for the Environment and Heritage on advice of the Environmental Protection Authority determines that decommissioning is complete.
- 5-3 The proponent shall make the Decommissioning Plan required by condition 5-1 publicly available, to the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority.

6 Compliance Auditing

- 6-1 The proponent shall prepare an audit programme in consultation with and submit compliance reports to the Environmental Protection Authority which address:
- the implementation of the proposal as defined in schedule 1 of this statement; and
 - evidence of compliance with the conditions and commitments.

Procedure

- 1 The Environmental Protection Authority will prepare a definition of "hazardous wastes" and provide it to the proponent. The definition will take account of the Australian Dangerous Goods Code; the Designated Hazardous Substances List from the National Occupational Health and Safety Commission; and approvals granted pursuant to Ministerial Statements nos. 015, 043, 093 and 342, and Ministerial Direction of 7 July 1998.

Note

- 1 The Minister for the Environment and Heritage will determine any dispute between the proponent and the Environmental Protection Authority over the fulfilment of the requirements of the conditions.

Dr Judy Edwards MLA
MINISTER FOR THE ENVIRONMENT AND HERITAGE

16.3.02

Schedule 1

The Proposal (Assessment No. 1000)

The proposal is to change plant processes, and to allow the acceptance of liquid wastes (excluding solid wastes other than those included in the definition of liquid waste, radioactive and explosive wastes), including hazardous liquid wastes being:

- acids and alkalis with pH values outside the range of 2 to 12.5;
- oxidising and reducing agents which formerly required pre-treatment off-site;
- chlorinated organic chemicals;
- ancillary organic chemicals; and
- flammable liquids.

Note:

1. The solvent extraction plant is deleted from the proposal, as this plant would have primarily treated perchlorethylene (PERC), and other solvents.
2. The definition of "hazardous wastes" is determined according to the procedure at the foot of the statement (above).

The key characteristics of this proposal are included in Table 1 below.

Table 1 - Key Proposal Characteristics (Assessment no. 1000)

Element	Description
<i>Operational Life of Project</i>	30 June 2002
<i>Area of Disturbance</i>	Lease area
<i>Waste Receiving Times</i>	<p>Between 7am and 5pm on weekdays and between 7am and 4pm on Saturdays</p> <p>Note: In emergencies where a liquid waste poses an immediate risk to the community or the environment, waste may be received outside the above times.</p>
<i>Major Components</i>	<p>Rotary kiln</p> <p>Cyclones (3)</p> <p>Baghouse</p> <p>Conveyor</p> <p>Dangerous Goods and Equipment Storage Sheds</p> <p>Decanting and Consolidation Slab</p> <p>Set down and sorting bunds</p> <p>Operation Pad including:</p> <ul style="list-style-type: none"> • Drum crusher • Rotary mixers x 2 • Mixer loading ramp <p>Tanker discharge and mixing bay – 15 kilolitres</p> <p>Equipment shed</p> <p>Battery crusher and scrubber unit</p> <p>Reaction tank and mixer</p> <p>Additional tankage – 4 x 20 kilolitre tanks</p> <p>Emergency response unit</p> <p>Multiple purpose modular treatment plant.</p>

Figure (attached)

Figure 4 - Site layout.

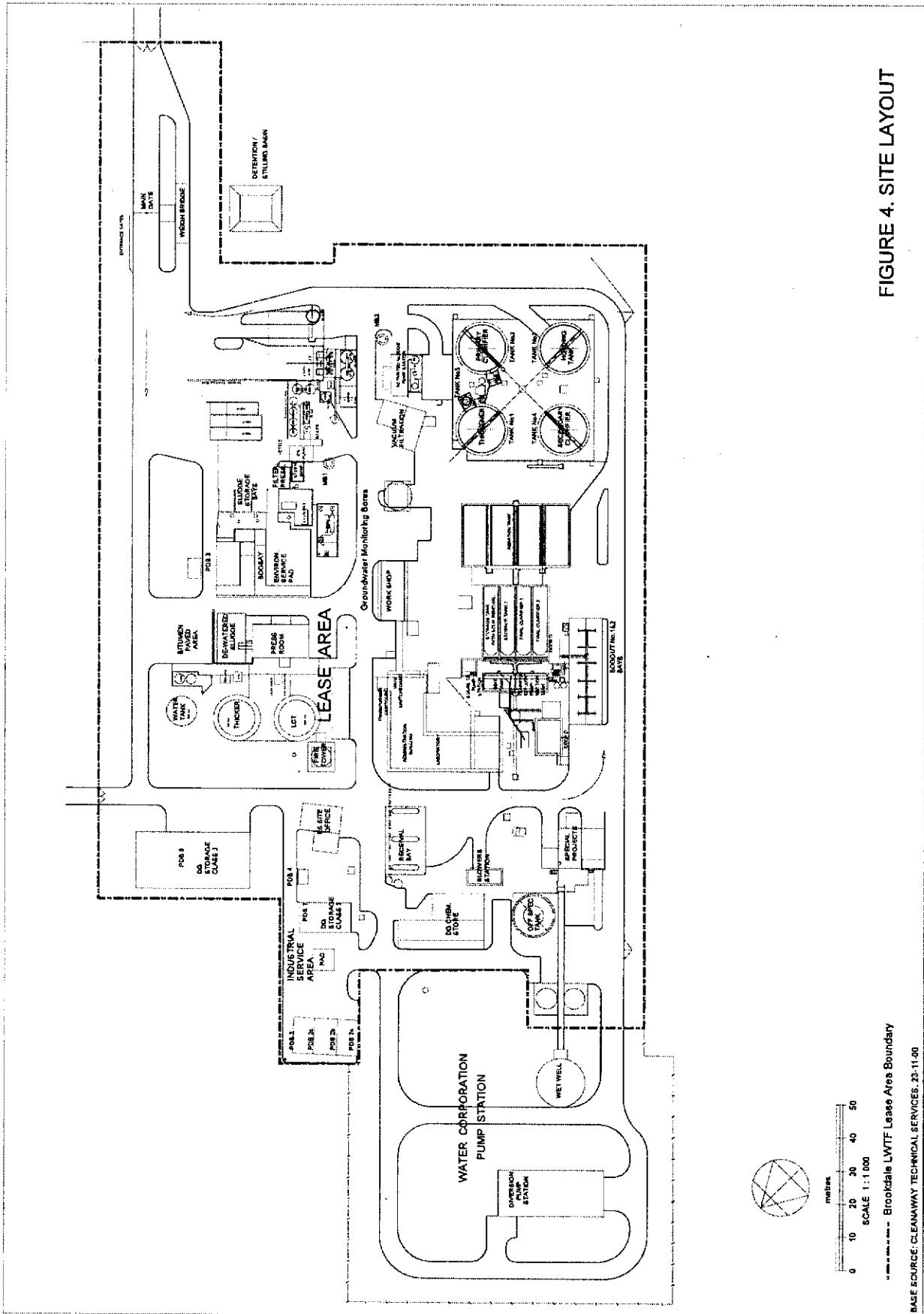


FIGURE 4. SITE LAYOUT

**Proponent's Consolidated Environmental Management
Commitments**

February 2002

**CHANGE TO PLANT PROCESSES AND WASTE
ACCEPTANCE CRITERIA AT THE BROOKDALE
LIQUID WASTE TREATMENT FACILITY,
CITY OF ARMADALE**

Assessment No. 1000

WASTE MANAGEMENT (WA)

**BROOKDALE LIQUID WASTE TREATMENT FACILITY, CITY OF ARMADALE (Assessment No. 1000)
PROPONENT'S ENVIRONMENTAL MANAGEMENT COMMITMENTS.**

No.	Topic	Commitment	Objective	Timing	Advice from*
1.1	Environmental Management System	<p>Demonstrate that an Environmental Management System (EMS), certified to ISO 14001 has been implemented to manage all matters relating to environmental protection including the requirements of the Ministerial conditions, procedures and commitments.</p> <p>The EMS will include mechanisms and processes to ensure that:</p> <ol style="list-style-type: none"> Implementation and organisation of actions meet environmental requirements; Environmental aspects and impacts are identified and appropriate management plans are implemented to manage them; The measurement and evaluation of environmental performance (monitoring programs) is undertaken; Appropriate staff training and induction in environmental matters is carried out; The premises will be open, except in the case of emergencies, for the receipt of wastes only between the hours 7.00am and 5.00pm, on weekdays and between 7.00am and 4.00pm on Saturdays. The premises will be closed to the receipt of wastes on Sundays and gazetted public holidays; Appropriate inventory maintenance procedures are implemented at the premises to record: <ul style="list-style-type: none"> • Volume; • pH; • Appearance; • Odour; • DEP classification code (as per the <i>Environmental Protection (Liquid Waste) Regulations 1996</i>, and <i>Environmental Protection (Controlled Waste) Regulations 2001</i>), of all industrial liquid wastes received at the premises. Incidents are reported and appropriate investigation and remedial action undertaken as required; 	<p>To have a system in place that ensures environmental aspects are identified and managed appropriately to meet legislative requirements and company policy whichever is the more stringent. The system should include reviews and audits to check that specified management actions are being undertaken and improved upon where possible.</p> <p><u>Note:</u> The plant currently operating is under an EMS certified to the ISO 14001 standard.</p>	<p>Within four weeks of acceptance of the EMPs by the EPA required under commitments 2.1 to 6.3.</p>	

No.	Topic	Commitment	Objective	Timing	Advice from*
		<p>h) Appropriate liaison with the community, including maintenance of a complaints monitoring system is undertaken;</p> <p>i) A procedure for emergency out-of-hours opening is implemented;</p> <p>j) Noise and odour emissions are within acceptable limits;</p> <p>k) Management plans to cover contingencies such as equipment failure, spillages, accidents and out-of-specification waste are developed;</p> <p>l) Preventative maintenance is carried out in accordance with a structured program.</p>			
1.2	Environmental Management System	Maintain the EMS (commitment 1.1).	To provide for sound and continually improving environmental management of the facility.	Ongoing after the acceptance of the Environmental Management System by the EPA.	
2.1	Air Quality Management Plan	<p>Submit to the EPA a draft Air Quality Management Plan that includes procedures and strategies to:</p> <p>a) Control odour;</p> <p>b) Ensure site personnel, members of the community and the environment are not adversely affected;</p> <p>c) Maintain a complaints register.</p>	To identify and document specific management practices and procedures required to meet legislative and company policy requirements for the maintenance of air quality. This document is intended for use by site personnel as a procedural document.	Within eight weeks of receiving Ministerial approval for the proposal.	DEP
2.2	Air Quality Management Plan	Make the draft Air Quality Management Plan available to the Forrestdale Plant Liaison Committee Inc and the Brookdale Waste Management Stakeholder Reference Committee for a four-week review period. Comments from the committee will be specifically considered in the final drafting of a relevant plan. This will occur prior to the final plan being referred to the EPA.	To demonstrate that the proponent is capable of managing air quality issues and improving upon this management if weaknesses are identified.	Within eight weeks of receiving Ministerial approval for the proposal.	FPLC BWMS RC DEP DoH

No.	Topic	Commitment	Objective	Timing	Advice from*
2.3	Air Quality Management Plan	Implement the approved Air Quality Management Plan.	To minimise impacts on the air quality at and around the facility.	Ongoing after acceptance of the Air Quality Management Plan by the EPA.	DEP
3.1	Water Management Plan	<p>Submit to the EPA a draft Water Management Plan that includes procedures and strategies to:</p> <ul style="list-style-type: none"> a) Manage surface and stormwaters; b) Monitor and protect groundwater in the area; c) Describe analytical procedures to be adopted during sampling and analysis, including collection preservation and measurement; d) Cover contingencies such as equipment failure, spillages, accidents and the management of out-of-specification wastes; e) Investigate further the groundwater contamination in the vicinity of the Number 4 Clarifier to facilitate appropriate management of the groundwater; f) Monitor and report on water from the stilling basin, groundwater and surface water according to the following schedule: <p>Stilling/Detention Basin</p> <p>Collect, analyse and report on water from detention/stilling basin six monthly for:</p> <ul style="list-style-type: none"> • oil and grease. • suspended solids. • 5-day Biological Oxygen Demand. • pH • suspended solids. • heavy metals (silver, mercury, arsenic, cadmium, chromium, cobalt, copper, lead, molybdenum, tin, zinc and nickel). • organochlorines. 	To identify and document specific management practices and procedures required to meet legislative and company policy requirements for the maintenance of water quality. This document is intended for use by site personnel as a procedural document.	Within twelve weeks of receiving Ministerial approval for the proposal.	DEP

No.	Topic	Commitment	Objective	Timing	Advice from*
		<p>Groundwater</p> <p>EPA-designated monitoring bores are sampled every 6 months and analysed for:</p> <ul style="list-style-type: none"> • pH; • metals; • Electrical conductivity (in S/m); • Total inorganic nitrogen; • Total phosphorus; • Organochlorines; • Total cyanide; • Groundwater levels; • Hydrocarbons. <p>Surface Water</p> <p>Collect, analyse and report on water from the surface water monitoring locations designated by the EPA every 6 months for:</p> <ul style="list-style-type: none"> • pH. • Electrical conductivity. • Total inorganic nitrogen. • Total phosphorus. • 5-day Biological Oxygen Demand. • Oil and grease. • Total cyanide. • Metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium and zinc). <p>subject to the presence of water.</p>			

No.	Topic	Commitment	Objective	Timing	Advice from*
3.2	Water Management Plan	Install a further four monitoring bores within the perched aquifer at the approximate mid-points of each of the long boundaries of the facility and one bore near the south east corner of the detention/stilling basin and analyse them at a frequency specified by the EPA for substances indicated in commitment 3.1.	To improve detection capabilities of contamination in the groundwater.	Prior to receiving Ministerial approval for the proposal.	DEP
3.3	Water Management Plan	Make the draft Water Management Plan available to the Forrestdale Plant Liaison Committee Inc and the Brookdale Waste Management Stakeholder Reference Committee for a four-week review period. Comments from the committee will be specifically considered in the final drafting of a relevant plan. This will occur prior to referral of the final plan to the EPA.	To demonstrate that the proponent is capable of managing water quality issues and improving upon this management if weaknesses are identified.	Within twelve weeks of receiving Ministerial approval for the proposal.	FPLC BWMS RC WRC
3.4	Water Management Plan	Implement the approved Water Management Plan.	To maintain and where possible improve the surface and ground water quality at and around the facility.	Ongoing after acceptance of the Water Management Plan by the EPA.	DEP
4.1	Emergency Response Plan	Review and revise the Occupational Health and Safety Management System to address the changes to the facility associated with implementation of the proposal.	To reduce the risk associated with the new proposal to "as low as practicable"	Within twelve weeks of receiving Ministerial approval for the proposal.	
4.2	Emergency Response Plan	Submit to the EPA a draft Emergency Response Plan to ensure that appropriate responses are adopted in case of an incident, to ensure that: a) All practical measures are taken to protect the welfare and amenity of the community; b) The environment is not adversely affected; c) Any response is coordinated/undertaken with the appropriate authorities; d) Any spills and/or fire wash water is appropriately contained; e) All on-site employees and contractors have induction or training as appropriate in the implementation of emergency plans; f) An on-site emergency plan for action inside the facility is established and maintained in conjunction with FESA; g) The plans are readily accessible to all employees.	To identify and document specific management practices and procedures required to meet legislative and company policy to ensure the safety of site personnel and the community. This document is intended for use by site personnel as a procedural document.	Within twelve weeks of receiving Ministerial approval for the proposal.	FESA MPR

No.	Topic	Commitment	Objective	Timing	Advice from*
4.3	Emergency Response Plan	<p>The Emergency Response Plans will include but not be limited to:</p> <ul style="list-style-type: none"> a) Details of the facility and its operations; b) 24 hour contact details for the Site Manager and the site officer responsible for emergency response; c) a description of actions to be undertaken in the event of a major incident, including a description of employee action and how staff will work with the emergency services once they are on site; d) A description of emergency services notification actions including the information to be provided throughout the incident; e) A detailed map of the facility including the location of fire fighting equipment, utilities, Dangerous Goods stores and site access; f) A map of the surrounding area highlighting access, the location of residents and environmentally significant areas; g) Details of staff numbers, their training and emergency response and communications equipment on site; h) Location of hazardous waste inventory; i) Containment and cleanup procedures following an incident. 	<p>To ensure all relevant information, equipment and training is in-place such that relevant parties are adequately prepared for an emergency situation that may arise from activities undertaken at the facility.</p>	<p>Within twelve weeks of receiving Ministerial approval for the proposal.</p>	<p>FESA MPR</p>
4.4	Emergency Response Plan	<p>Have a suitably qualified consultant provide independent clarification that the fire wash water recovery system will prevent the sump from over-topping during a fire incident.</p>	<p>To demonstrate that adequate measures are in place to prevent contamination of surface and ground waters.</p>	<p>Within twelve weeks of receiving Ministerial approval for the proposal and prior to referral to the EPA.</p>	<p>FESA</p>
4.5	Emergency Response Plan	<p>Make the draft Emergency Response Plan available to the Forrestdale Plant Liaison Committee Inc and the Brookdale Waste Management Stakeholder Reference Committee for a four-week review period. Comments from the committee will be specifically considered in the final drafting of a relevant plan. This will occur prior to referral of the final plan to the EPA.</p>	<p>To demonstrate that the proponent is capable of managing the facility such that the safety of personnel and the community is not compromised; and improving upon these management strategies if weaknesses are identified.</p>	<p>Within twelve weeks of receiving Ministerial approval for the proposal.</p>	<p>FPLC BWMS RC FESA</p>
4.6	Emergency Response Plan	<p>Implement the approved Emergency Response Plan.</p>	<p>To ensure a safe working and living environment for personnel and the community.</p>	<p>Ongoing after acceptance of the Emergency Response Plan by the EPA.</p>	

No.	Topic	Commitment	Objective	Timing	Advice from*
4.7	Emergency Response Plan	<p>Undertake:</p> <ol style="list-style-type: none"> A HAZOP study on each new process; and A Hazardous Area Classification study, to assess compliance with EPA and MPR risk criteria. 	<p>To ensure that the new plant is designed and operated in a manner that reduces risk to "as low as practicable" standards.</p>	<p>During the detailed design phase of the project.</p>	MPR
5.1	Waste Management Plan	<p>Submit to the EPA a draft Waste Management Plan that includes procedures and strategies to:</p> <ol style="list-style-type: none"> Manage waste receipt; Dispose of wastes from the facility in a manner that is environmentally acceptable and meets statutory requirements; Record the source of the waste from on-site, the approximate volume of material, destination of the waste, and the time and date of disposal off-site for each load of solid waste removed from the premises. A summary of this information will be reported to the EPA annually; Collect and store in an appropriate manner a sample from each sludge batch leaving the facility and on a monthly basis analyse the composite sample for the following: <ul style="list-style-type: none"> • Moisture content; • Total nitrogen; • Hydrocarbons; • Total phosphorus; • Total cyanide; • Heavy metals comprising of arsenic, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, silver, tin and zinc; • TCLP, ASLP or other authorised leachate tests for metals, where metals in the preceding dot point exceed thresholds for total concentrations stipulated in landfill acceptance criteria; • Organic compounds by gas chromatography/mass spectrometry. Collect, store and analyse samples of liquid wastes for the following parameters: <ul style="list-style-type: none"> • Gas chromatography/mass spectrometry for organic compounds; 	<p>To identify and document specific management practices and procedures required to meet legislative and company policy requirements for the sampling, acceptance, handling, reporting and treatment of wastes.</p> <p>This document is intended for use by site personnel as a procedural document.</p>	<p>Within eight weeks of receiving Ministerial approval for the proposal.</p>	

No.	Topic	Commitment	Objective	Timing	Advice from*
		<ul style="list-style-type: none"> • pH and electrical conductivity; • Metals including arsenic, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, silver, tin and zinc; • Total cyanide; • Oil and grease. <p>f) Report the results of waste monitoring in the annual performance and compliance report, stating any actions taken.</p> <p>g) Optimise the recovery and reuse of chemicals and materials where applicable;</p> <p>h) Dispose of wastes in a manner that is environmentally acceptable and meets statutory requirements.</p>			
5.2	Waste Management Plan	<p>Make the draft Waste Management Plan available to the Forrestdale Plant Liaison Committee Inc and the Brookdale Waste Management Stakeholder Reference Committee for a four-week review period. Comments from the committee will be specifically considered in the final drafting of a relevant plan. This will occur prior to referral of the final plan to the EPA.</p>	<p>To demonstrate that the proponent is capable of managing specified wastes and improving upon this management if weaknesses are identified.</p>	<p>Within eight weeks of receiving Ministerial approval for the proposal.</p>	<p>FPLC BWMS RC</p>
5.3	Waste Management Plan	<p>Implement the approved Waste Management Plan.</p>	<p>To ensure wastes brought onto site are handled and/or treated in an appropriate manner.</p>	<p>Ongoing after the Emergency Response Plan by the EPA.</p>	<p>DEP</p>
6.1	Decommissioning and Rehabilitation Management Plan	<p>Submit to the EPA a preliminary Decommissioning and Rehabilitation Management Plan that includes consideration of the following:</p> <ol style="list-style-type: none"> a) Removal or, if appropriate, retention of infrastructure; b) Remediation of any contaminated land/groundwater; c) Rehabilitation of all disturbed areas to a standard suitable for agreed future land use/s. 	<p>To identify and undertake preliminary planning for an agreed decommissioning and rehabilitation strategy.</p>	<p>Within twelve weeks of Ministerial approval for the proposal.</p>	<p>DEP MPR</p>

No.	Topic	Commitment	Objective	Timing	Advice from*
6.2	Decommissioning and Rehabilitation Management Plan	Submit to the EPA a detailed Decommissioning and Rehabilitation Management Plan that includes consideration of the following: a) Removal or, if appropriate, retention of infrastructure; b) Remediation of any contaminated land/groundwater; c) Rehabilitation of all disturbed areas to a standard suitable for agreed future land use/s.	To identify and plan for an agreed decommissioning and rehabilitation strategy.	Twelve months prior to the decommissioning of the facility.	DEP MPR
6.3	Decommissioning and Rehabilitation Management Plan	Implement the approved Decommissioning and Rehabilitation Management Plan.	To implement the agreed decommissioning and rehabilitation strategy.	Within EPA agreed timelines.	DEP MPR
7.1	Performance and Compliance Report	Prepare a Performance and Compliance Report covering the period 1 July-30 June each year and submit to the EPA. The annual performance and compliance report will include: a) An outline of operational outcomes; b) Results of environmental monitoring; c) A description of environmental incidents and impacts (if any) and how they have been managed.	To inform the EPA of the status of activities at the facility.	By 31 August each year.	DEP MPR
7.2	Performance and Compliance Report	Make the Performance and Compliance Report available to the Forrestdale Plant Liaison Committee Inc and the Brookdale Waste Management Stakeholder Reference Committee.	To ensure the Forrestdale Plant Liaison Committee Inc and the Brookdale Stakeholder Reference Group is informed of the status of activities at the facility.	Within four weeks of obtaining EPA approval for the Performance and Compliance Report	DEP
8	Community Liaison	The proponent will convene at least two meetings a year of the Forrestdale Plant Liaison Committee Inc.	To ensure that the community remains informed of activities at the facility.	Ongoing.	

No.	Topic	Commitment	Objective	Timing	Advice from*
9	Security	<p>Review of security arrangements at the facility will be undertaken and reported to the EPA, and will include:</p> <ul style="list-style-type: none"> a) Site security; b) Sign posting; c) Plant surveillance and monitoring; d) Procedures to discourage unauthorised personnel. 	To demonstrate adequate security measures are in place given the range of activities undertaken at the facility.	Within twelve weeks of receiving Ministerial approval for the proposal.	MPR
10.1	Waste Acceptance Guidelines	Develop waste acceptance guidelines and submit them to the EPA and the Department of Mineral and Petroleum Resources for approval.	To clarify to industry and regulators which waste categories, and in what forms the facility will accept.	Within twelve weeks of receiving Ministerial approval for the proposal.	MPR
10.2	Waste Acceptance Guidelines	<p>Implement the approved waste acceptance guidelines and distribute to all waste generators and licensed transporters:</p> <ul style="list-style-type: none"> a) A copy of approved waste acceptance criteria; b) An information note describing acceptable pre-treatment procedures. 	To facilitate compliance by Waste Treatment Facility and waste generators with the waste acceptance criteria.	Within two weeks of receiving approval of the waste acceptance criteria from MPR and EPA.	DEP
11	Bunding	<p>Demonstrate that bunding meets the requirements of the EPA.</p> <p>The review of chemical storage bunding will include:</p> <ul style="list-style-type: none"> a) Identification of banded areas sufficient to retain or direct surface water runoff; b) Demonstration of compliance with Department of Mineral and Petroleum Resources requirements and the appropriate standards and regulations; c) Provision for the collection and re-treatment of contaminated materials; d) The review will ensure that halogenated compound storage bunding areas: <ul style="list-style-type: none"> i. Have a sufficient effective capacity to contain any spillage which may reasonably be expected to occur, and as a minimum, comply with the appropriate standards and regulations; 	To ensure that in the event of a spill or leakage of containers, that wastes/chemicals can be contained and recovered without contaminating the environment.	Within four weeks of receiving Ministerial approval for the proposal.	MPR DEP

No.	Topic	Commitment	Objective	Timing	Advice from*
		<ul style="list-style-type: none"> ii. Are constructed of impervious material, chemically resistant to the chemicals present, to prevent the penetration of the chemicals to groundwater or the loss to other external water-courses and to facilitate the recovery of any spillage; iii. Incorporate features that allow them to be either drained or pumped out to a holding facility in the event of a spillage; 			
12	Light Emissions	The proponent will ensure that the management of light emissions from the facility is based on the requirements of AS 4382-1997: Control of Obtrusive Effects of Outdoor Lighting, and that emissions do not adversely affect the amenity of the closest resident.	To limit the impact of operations on the community.	Ongoing following Ministerial approval of the proposal.	DEP
13	Storage of Dangerous Goods	The proponent will develop and implement procedures to ensure that dangerous goods that may react dangerously or are incompatible (including those within the same dangerous goods class) are appropriately identified and segregated in accordance with the <i>Explosives and Dangerous Goods (Dangerous Goods Handling and Storage) Regulations 1992</i> .	To ensure all substances are stored in accordance with applicable regulations and in a manner which reduces the storage risk to as low as reasonably practicable.	Prior to receiving any Ministerial approvals for this CER.	MPR.
14	Community verification of limitation of hazardous wastes	Community representative/s of the Brookdale Waste Management Stakeholder Reference Committee will undertake site visits/inspections.	To satisfy community concerns on the phasing-out of the receipt and storage of hazardous liquid wastes. (According to the Minister's timetable).	On or about 1 March 2002 and 1 July 2002.	

Abbreviations

BWMSRC = Brookdale Waste Management Stakeholder Reference Committee
 EPA = Environmental Protection Authority
 FESA = Fire and Emergency Services Authority
 FPLC = Forrestdale Plant Liaison Committee Inc
 DEP = Department of Environmental Protection
 DoH = Department of Health
 MPR = Department of Mineral and Petroleum Resources