



Ass # 941

Bull # 797

MINISTER FOR THE ENVIRONMENT WESTER

State # 414

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

**ASCOT WATERS - DREDGING TWO CHANNELS TO CONNECT
AN ARTIFICIAL WETLAND WITH THE SWAN RIVER
CITY OF BELMONT (941)**

**WESTERN AUSTRALIAN PLANNING COMMISSION
&
THE CITY OF BELMONT**

This proposal may be implemented subject to the following conditions:

1 Proponent Commitments

The proponent has made a number of environmental management commitments in order to protect the environment.

- 1-1 In implementing the proposal, the proponent shall fulfil the commitments made in the Public Environmental Review, and in response to issues raised following public submissions; provided that the commitments are not inconsistent with the conditions or procedures contained in this statement.

A schedule of environmental management commitments which will be audited by the Department of Environmental Protection was published in Environmental Protection Authority Bulletin 797 (Appendix 8) and a copy, as revised on 16 April 1996, is attached.

2 Implementation

Changes to the proposal which are not substantial may be carried out with the approval of the Minister for the Environment.

- 2-1 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.

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- 2-2 Where, in the course of the detailed implementation referred to in condition 2-1, the proponent seeks to change the designs, specifications, plans or other technical material submitted to the Environmental Protection Authority 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 Proponent

These conditions legally apply to the nominated proponent.

- 3-1 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.

4 Future Management

- 4-1 At least six months prior to the date of handover of the management responsibility of the waterway to the appropriate public authority, the proponent shall submit a report to the Environmental Protection Authority which addresses the following:

- 1 water quality and channel flushing characteristics; and
- 2 a strategy for the future management of the channel.

5 Time Limit on Approval

The environmental approval for the proposal is limited.

- 5-1 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.

Where the proponent demonstrates to the requirements of the Minister for the Environment on advice of the Department of Environmental Protection that the environmental parameters of the proposal have not changed significantly, then the Minister may grant an extension not exceeding five years.

6 Compliance Auditing

To help determine environmental performance, periodic reports on progress in implementation of the proposal are required.

- 6-1 The proponent shall submit periodic Performance and Compliance Reports, in accordance with an audit programme prepared by the Department of Environmental Protection in consultation with the proponent.

Procedure

- 1 Unless otherwise specified, the Department of Environmental Protection is responsible for assessing compliance with the conditions contained in this statement and for issuing formal clearance of conditions.
- 2 Where compliance with any condition is in dispute, the matter will be determined by the Minister for the Environment.

Hon Peter Foss QC MLC
MINISTER FOR THE ENVIRONMENT

23 APR 1996

Proponent's Environmental Management Commitments

which will be audited

by the Department of Environmental Protection

16 April 1996

**ASCOT WATERS
DREDGING TWO CHANNELS TO CONNECT AN
ARTIFICIAL WETLAND WITH THE SWAN RIVER
CITY OF BELMONT (941)**

**WESTERN AUSTRALIAN PLANNING COMMISSION
&
THE CITY OF BELMONT**

ISSUES	OBJECTIVES	NO	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
Impact of dredging on Swan River	Minimise the impact of dredging on the river system during dredging and demonstrate that dredging will be environmentally beneficial to the river.	1.	Prepare an Environmental Management Programme (EMP) as per Swan River Trust (SRT) guidelines and submit to SRT for approval prior to its implementation. The EMP is to include the following commitments: • to dredge during autumn/winter period; • to settle dredge water in stilling pond prior to discharge to river; • use of silt curtains; • monitor water quality and benthic fauna, and • reporting of results.	The EMP is to be submitted and approved prior to the start of dredging. Monitor and reporting of results fortnightly during dredging programme and submit final report within one month of completion of dredging.	Consortium	Minister for Environment on advice from SRT and Department of Environmental Protection (DEP).
		2.	Implement the approved EMP.			SRT
Impact on System 6	To encourage the growth and regeneration of local indigenous flora; maintaining water bird habitats; and allowing recreation activities which are compatible with the conservation of flora and fauna.	3.	Prepare an EMP to include the following commitments: • replacement of System 6 sedge habitat removed by dredging the channels • To monitor the success of habitat replacement and report findings to appropriate authorities; and • to address public access and weed/rubbish/fire/pest/domestic pet control and submit to authorities for approval prior to its implementation.	The EMP is to be submitted and approved prior to the start of dredging. Twelve months after completion of dredging.	Consortium (Consortium for the first year, and thereafter by the appropriate government agency).	Minister for Environment on advice from SRT and DEP.
		4.	Implement the approved EMP.	Implement within two weeks of completion of dredging.		

ISSUES	OBJECTIVES	NO	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
Management and monitoring of leachate from tip site.	To ensure that leachate from the tip does not result in a decline in water quality in the river and waterway or affect the environmental values of the river.	5.	Prepare an EMP for construction of the channel through the southern end of the tip site and submit to the SRT and DEP for approval prior to construction of channel. The EMP is to include the following commitments: • install clay-lined seal on tip side of channel; • monitor for leachates in channel over period of six months after completion; • incorporate channel in waterways monitoring programme; and • develop a contingency plan in association with SRT, DEP and Water & Rivers Commission in event of serious leachates being detected. 6. Implement the approved EMP	The EMP is to be submitted and approved prior to the start of dredging.	Consortium Range and type of leachates to be advised by Water & Rivers Commission and Chemistry Centre.	Minister for Environment on advice from SRT, DEP, Water and Rivers Commission, Ministry for Planning (MfP) and City of Belmont.
Management of Central Belmont Main Drain (CBMD)	To ensure that water quality in the drain is maintained or improved so that the environmental uses in the river are protected.	7. 8.	The Consortium will remediate the CBMD and its outlet in accordance with the proposals set out in the PER or any alternative improved arrangement mutually acceptable to the Consortium and the relevant authorities and with the approval of detailed working drawings by the Water Corporation and the City of Belmont. Initial management (for the first 12 months) of the landscaped components of the modified CBMD will be undertaken by the Consortium, following which management will revert to the City of Belmont.	Working drawings to be submitted prior to remediation commencing.	Consortium	Water Corporation and City of Belmont with advice from SRT.

ISSUES	OBJECTIVES	NO	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
Management of waterways water quality	To ensure that water quality in the proposed channel system is maintained or improved over the long term and is consistent with water quality in the Swan River, so that the environmental values are protected. Maintain the capacity of the channel to flush as originally designed.	9.	Commitments for long-term management of waterways will be finalised following the setting of Environmental Conditions by the Minister for the Environment.	For up to five years after completion of waterways construction. The EMP is to be submitted and approved prior to the start of dredging.	Consortium	Minister for Environment on advice from SRT, DEP and Department of Transport (DOT).
		10.	Waterway management in the short term (first five years) will be the responsibility of the Consortium.			
		11.	The Consortium will prepare an EMP for the monitoring and management of the waterways and submit it to appropriate authorities for approval prior to implementation. The EMP is to include the following commitments: • investigation of water exchange characteristics; • investigation of effects of significant algal bloom; • regular monitoring (quarterly) of indicator water quality parameters; • monitoring of benthic recolonisation; • monitoring success of wetland vegetation establishment around foreshore; • bathymetric monitoring of channel sedimentation in spring; • monitoring of navigable depth, structural integrity of walls and beacons; • annual reporting of findings of above; • implementation of contingency plans in the event that water quality declines to levels unacceptable for indirect recreational use (boating) and maintenance of the waterway ecosystem; • monitoring and removal of rubbish; • management plan for marina; and • maintenance of flushing capacity to original design standards as specified in the PER.			
		12.	Implement the approved EMP.	For up to five years after completion of waterways construction.		DEP, SRT and DOT

ISSUES	OBJECTIVES	NO	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
Contingency plans in event of decline in waterways water quality	To ensure that a contingency plan is in place to remediate a decline in water quality in the proposed channel so that the beneficial uses/environmental values of the river are protected.	13.	A contingency plan will be prepared to specify the inspection and monitoring programme and the remedial measures to be undertaken in the event of: - malodours caused by stratification and anoxia; and - floating algal scum caused by significant algae bloom.	The contingency plan is to be submitted and approved prior to the start of dredging.	Consortium	Minister for Environment on advice from SRT and DEP, and DOT.
		14.	Implement the approved contingency plan, if required.	Construction/post construction.		
Mosquitoes	To control the breeding of mosquitoes without adversely affecting other flora and fauna.	15.	Prepare an integrated mosquito control strategy in conjunction with the City of Belmont and the Health Department, and submit to the SRT/DEP for approval prior to implementation.	The mosquito control strategy is to be submitted and approved prior to the start of dredging.	Consortium	City of Belmont, Health Department, SRT and DEP
		16.	Implement approved mosquito control strategy including: - construction works; - monitoring result of works; and - reporting details of completed works and monitoring results.	Commence within three months of approval of the strategy.		
Landscape amenity		17.	Prepare a Landscape Master Plan. The landscape master plan is to include the following: - the location and design of all waterway and wetland foreshore edges prior to implementation; and - the revegetation of the tip site.	The Landscape Master Plan is to be submitted and approved prior to the start of dredging.	Consortium	MIP and SRT with appropriate consultation from DOT and Water and Rivers Commission (floodplain).
		18.	Implement the approved Landscape Master Plan.	During construction		MIP and SRT.

ISSUES	OBJECTIVES	NO	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
Management of artificial wetlands		19.	Prepare an EMP for the management of fresh water wetlands within the residential component of the development.	The EMP is to be submitted and approved prior to start of dredging.	Consortium	DEP, City of Belmont and Water and Rivers Commission.
		20.	Implement EMP, including: • monitoring of water quality; • implementation of contingency plans in event water quality declines; • monitoring success of vegetation establishment around foreshore.	For five years subsequent to completion of landscaping.		
Aboriginal community.		21.	Establish an ongoing consultation programme with the local community and a monitoring programme to identify any archaeological sites, should any be discovered, during the earthworks period.	During construction.	Consortium	MFP and Department of Aboriginal Affairs.
Construction management		22.	Implement acceptable site supervision and construction/management including all regulatory requirements for construction activity, and to ensure that all specific commitments (e.g. dredge spoil disposal) as published in the Minister for the Environment's statement are adhered to.	Project planning and during construction.	Consortium	SRT, DEP and City of Belmont.

Note: Commitment 21 is not to be audited by DEP



MINISTER FOR THE ENVIRONMENT WESTERN AUSTRALIA

Our Ref: 31554

- 6 NOV 1996

Mr Greg Dodd
Project Manager
Ascot Waters
PO Box 8027
Perth Business Centre WA 6849

Dear Mr Dodd

**ASCOT WATERS - PROPOSAL TO DREDGE TWO CHANNELS TO
CONNECT AN ARTIFICIAL WETLAND WITH THE SWAN RIVER
(STATEMENT 414)**

Thank you for your letter on behalf of the proponent, the Western Australian Planning Commission and the City of Belmont, requesting a minor change to the above proposal. The Department of Environmental Protection has provided its advice that the dredging of the channels could be carried out at any time during the year.

Accordingly, I consider that the change to enable dredging to be carried out at any time during the year does not constitute a substantial change to the proposal.

Please note that the above information refers to environmental issues in the Statement of 24 April 1996. This does not remove the necessity to obtain any approvals which may be required by this or other agencies.

Yours sincerely

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Hon Peter Foss QC MLC
ATTORNEY GENERAL
MINISTER FOR JUSTICE; THE ENVIRONMENT; THE ARTS