

FORRESTDALE LAKE NATURE RESERVE

Analysis of Public Submissions

to the
Draft Management Plan

Department of Conservation and Land Management
for the
Conservation Commission Western Australia

November 2004

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BACKGROUND

This document is an analysis of public submissions to the Forrestdale Lake Nature Reserve Draft Management Plan 2003.

The Forrestdale Lake Nature Reserve Draft Management Plan was released for public comment on 27 October 2003 for a period of three months. Late submissions were accepted. A total of 21 public submissions were received. All submissions have been summarised and changes have been made to the plan where appropriate.

Following the release of the draft plan, advertisements were placed in two issues of the local newspaper, Comment News, and two issues of The West Australian, advising that the draft management plan was available for comment. The draft plan was distributed to state government departments, tertiary institutions, recreation and conservation groups, local authorities, libraries and other community groups and individuals who expressed interest during the preparation of the draft. The plan was available for viewing and/or downloading from the Department of Conservation and Land Management's (CALM) NatureBase website, from which electronic submissions could be made. Printed copies of the plan were made available at CALM's offices in Kensington, Wanneroo and Fremantle, and could be inspected at CALM libraries at Woodvale and Kensington, and the libraries and municipal office of the City of Armadale.

ANALYSIS OF PUBLIC SUBMISSIONS

METHOD OF ANALYSIS

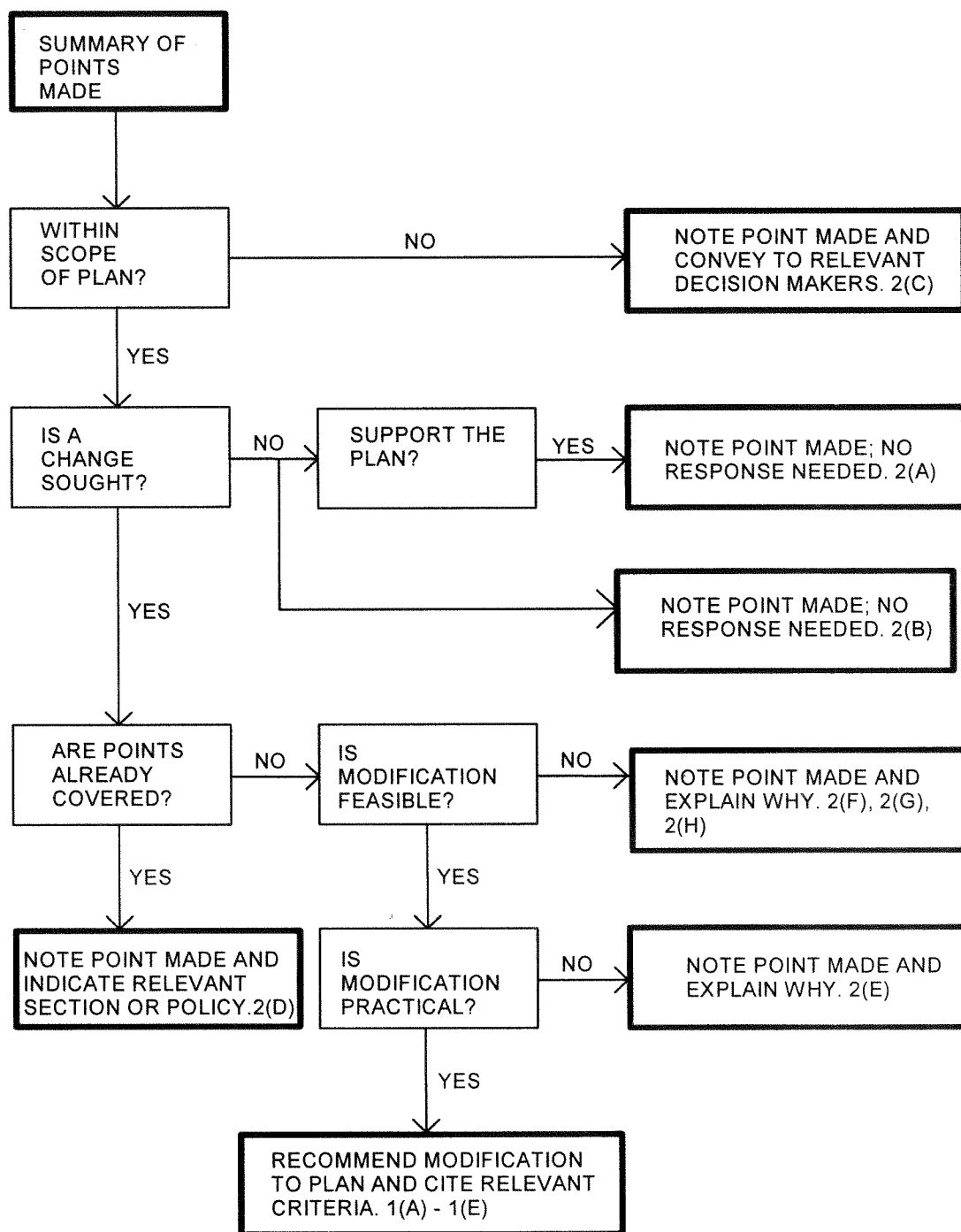
The public submissions to the Forrestdale Lake Nature Reserve Draft Management Plan were analysed by the planning team and the Forrestdale Lake Nature Reserve Community Advisory Committee, according to the process depicted in the flow chart overleaf. More specifically:

- The points made in each submission were collated according to the section of the draft plan they addressed.
- Each point made was assessed using the following criteria:
 1. The draft management plan *was amended* if the point:
 - (a) provided additional resource information of direct relevance to management;
 - (b) provided additional information on affected user groups of direct relevance to management;
 - (c) indicated a change in (or clarified) Government legislation, management commitment or management policy;
 - (d) proposed strategies that would better achieve management goals and objectives; or
 - (e) indicated omissions, inaccuracies or a lack of clarity.
 2. The draft management plan *was not amended* if the point:
 - (a) clearly supported the draft proposals;
 - (b) offered a neutral statement, or no change was sought;
 - (c) addressed issues beyond the scope of the plan;
 - (d) was already in the plan;
 - (e) was one amongst several widely divergent viewpoints received on the topic and the recommendation of the draft plan was still considered the best option;
 - (f) contributed options which were not possible (generally due to some aspect of existing legislation, Government or departmental policy);
 - (g) was unclear; or
 - (h) involved details that are not necessary or appropriate for inclusion in a document aimed at providing management direction over the long term.

- The reasons why recommendations in the draft plan were or were not changed, and the relevant criteria used, were discussed with each comment. Minor editorial changes referred to in the submissions have also been made.

Submissions have been assessed entirely on the cogency of points raised. No subjective weighting has been given to any submission for reasons of its origin or any other factor that would give cause to elevate the importance of any submission above another.

ANALYSIS PROCESS



Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
GENERAL COMMENTS					
1	3	I thought the plan was very well written, comprehensive and identified the major management issues.	Supports the draft management plan (DMP).	No	2a
2	1	I didn't disagree with the objectives and strategies.	Supports the DMP.	No	2a
3	3	We found the plan well written and used language that can be understood by the general public and containing enough detail to be of use to scientists/professionals.	Supports the DMP.	No	2a
4	3	We also like the format.	Supports the DMP.	No	2a
5	3	I was generally impressed with the document, including the compact design.	Supports the DMP.	No	2a
6	3	Well-written, precise information in a language that was easily understood. Packed with information.	Supports the DMP.	No	2a
7	2	We believe that Lake Forrestdale is not being managed adequately at present. It should be the centrepiece of the Jandakot Regional Park and be managed within the context of the regional park.	The issue of Forrestdale Lake being included in Jandakot Regional Park will be included in the management plan, to be pursued over the life of the plan.	Yes	1c
8	1	Lake Forrestdale urgently needs better management and we hope that you will address this issue as an important part of the update of the management plan.	Was already in the plan and had been considered during plan preparation.	No	2d
9	1	As a Ramsar listed wetland it should be a showpiece of environmental management and nature conservation in WA. Sadly it is, in reality, rather neglected at present.	Neutral statement. No change sought.	No	2b
10	1	Why so much importance on one area – have you actually seen areas that do not benefit some locals? (with the now burnt out boardwalk one in question).	Comment unclear.	No	2g
11	1	Large wetland area completely missed and some “bushland” that should not be included.	Comment unclear.	No	2g
12	6	You speak and talk of conserving indigenous plants species and communities. The Nyungah People and our Culture and Spiritual Beliefs at Forrestdale Lake need to be conserved too and the only way is by working with Nyungah Elders who are the Native Title Claimants representing the Nyungah People of the area and who have knowledge towards proper joint management.	The local Claimant group was invited on several occasions to have input during development of the management plan.	No	2c

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
13	6	<p>People of the area and who have knowledge towards proper joint management.</p> <p>Your government has said it will have joint management of National Parks and Conservation Lands but so far we have seen no action, only mere words. We propose that Forrestdale Lake be a first in joint management. We don't want political masters to continue on dominating Nyungah people and stopping bodies such as yours from going about things in the proper way with Nyungar People.</p>	The issue of joint management is beyond the scope of this management plan and is being dealt with at other levels of the Department. However the local Aboriginal community are welcome to have input into the implementation of the management plan.	No	2c
14	1	The Waterbird Conservation Group has a long-standing interest in Forrestdale Lake Nature Reserve. The Group welcomes a further management plan and to this end made initial comments in the HYS brochure in February 2002. We ask that you take these comments numbered 1 to 12 fully into account.	Initial comments from this group on the HYS brochure have been considered during plan preparation	No	2d
15	1	We have concerns with the lack of detail in the draft management plan. To rectify this we suggest that a detailed works program be prepared, to be released with the final management plan. This Works Program should include objectives, targets and timelines.	The Swan Coastal District, responsible for the day-to-day management of Forrestdale Lake, prepares a rolling works program, which is updated every three years.	No	2d
16	1	The Recreational Fishing Advisory Committee Western Australia would like to commend CALM on the plan and encourages its implementation.	Supports the DMP.	No	2a
17	1	I like the new pocket-book format. Much less intimidating than the old plans for members of the public.	Neutral statement, no change sought, and supportive of the plan.	No	2b
18	1	<p>PART A INTRODUCTION</p> <p>PLANNING AREA</p> <p><i>No submissions</i></p> <p>KEY VALUES OF THE PLANNING AREA</p> <p>More emphasis and detail should be provided on the criteria for the nomination of Forrestdale Lake Nature Reserve to the Ramsar Convention on Wetlands of International Importance. The criteria under which it was nominated need to be maintained in order for WA to meet its obligations under</p>	More detail has been added to the draft regarding the Ramsar nomination criteria for	Yes	1e

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19	1	under which it was nominated need to be maintained in order for WA to meet its obligations under the Convention. A high priority should be maintaining the Ramsar values of the Reserve.	Forrestdale Lake. This is already a priority for management and is stated in the plan.	No	2d
20	1	Nyungah concerns and interests are left out of your key points and objectives and your strategies and performance indicators even though you say ' <i>rich Aboriginal heritage</i> ' is a key value.	A section on cultural heritage has been added to Table 1 to address this comment.	Yes	1e
21	4	LAND TENURE I agree with the objective that all lands are reserves and transferred to the Conservation Commission.	Supports the DMP.	No	2a
22	8	We support the inclusion of Reserve No. 27165 and adjoining WAPC land as shown in Map 2 in Forrestdale Lake Nature Reserve.	Supports the DMP.	No	2a
23	1	We support the management of the reserve by CALM and encourage CALM and City of Armadale in negotiations to have part or all of the 9-hole golf course transferred and rehabilitated.	Supports the DMP.	No	2a
24	8	While welcoming the proposed vesting of Reserve 27165 in the Conservation Commission, I feel that it would be better included as part of the Class A Nature Reserve rather than as a conservation park. This seems more appropriate given the conservation significance of Forrestdale Lake.	The plan has been amended to recommend that land additions to the planning area will be vested in the Conservation Commission as Class A nature Reserve rather than Conservation Park.	Yes	1c
25	8	Cause for concern appears to lie in the fact that reserve 27165 is intended to become a Conservation Park rather than a Class A Nature Reserve because Conservation Park allows for horse-riding.	As above.	Yes	1c
26	8	Given that reserve 27165 has DRF, two Threatened Ecological Communities and Priority Flora species, "A" class status would appear more appropriate rather than "Conservation Park".	As above.	Yes	1c
27	8	Reserve 27165 excluding the golf course should not be a Conservation Park but should be an "A" class nature reserve as per Forrestdale Lake Nature Reserve because it contains DRF species including several priority 1 and 4 taxa.	As above.	Yes	1c
28	8	We are not happy with proposal that Reserve C 27165 should become a Conservation Park. We	As above.	Yes	1c

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
29	1	would prefer it to be a nature reserve and have it incorporated into the existing nature reserve. The reserve contains DRF and, apart from the golf course, it is high quality bush land. We would like to see this KPI achieved well before 2013 as the area is under pressure now and needs better management. We recommend that Reserve C 27165 be converted to a nature reserve by 2008.	The KPI has been amended to read that this will be achieved within two years of the plan's release.	Yes	1c
30	1	The most important area has been missed. The area of Stirling Rd close to Forrest Rd is where there is an abundance of birdlife with a swamp area wet for many months – it has nearly been destroyed by farming (cattle grazing the reeds).	This area is private property that is outside the planning area and thus beyond the scope of the management plan. It is an issue for Bush Forever.	No	2c
31	8	We strongly support the inclusion of reserve 27165 (excluding the golf course) and the adjoining WAPC land within Forrestdale Lake Nature Reserve.	Supports the DMP.	No	2a
32	8	We believe that Reserve 27165 should be “A” class nature reserve, not conservation park as it contains declared rare flora, priority flora and threatened ecological communities.	As per comment 24.	Yes	1c
33	6	We propose that there should be Joint Management with Nyungah Elders and CALM. The Nyungah Elders have been proposing this to the WA Government since the early 1990s.	This comment addresses issues beyond the scope of this management plan that are being dealt with at other levels of CALM. However the local Aboriginal community are welcome to have input into the implementation of the management plan.	No	2c
34	3	The Bush Forever additions to the Reserve are very welcome and add robustness to the Reserve. The additional natural land management responsibilities need to be reflected in the management plan.	Supports the DMP. The additional management responsibilities are already included in the DMP.	No	2a
35	3	All the Bush Forever additions should be incorporated into the nature reserve, be vested in the Conservation Commission and managed by CALM.	Supports the DMP.	No	2a
36	8	We fully support the transfer of Reserve 27165 to the Conservation Commission to be managed by CALM, but believe that based on the area's biodiversity values it should be added to reserve 24781	As per comment 24.	Yes	1c

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37	8	and become part of the Class A nature reserve. We do not support a Conservation Park designation for Reserve 27165, as it is incompatible with its conservation values.	As per comment 24.	Yes	1c
38	1	We have no confidence in the City of Armadale's willingness or ability to manage the biodiversity values of reserve 27165 and would strongly oppose their further involvement.	The City of Armadale is an important stakeholder for the management of Forrestdale Lake NR and will continue to be consulted on issues regarding its management.	No	2f
39	8	We agree fully with the draft plan's statement that "the Department will begin managing the portion of the reserve outside the existing golf course lease, consistent with the management of the nature reserve".	Supports the DMP.	No	2a
40	8	We do not fully agree with Strategies 1 and 2.	These two strategies will be amended to change the wording from "Conservation Park" to "Nature Reserve".	Yes	1c
41	4	We support (strategy) 3, but again, the existing road reserves should be vested with the Conservation Commission as part of the Class A nature reserve.	The existing road reserves will be vested with the Conservation Commission as Nature Reserve and not Conservation Park as stated in the draft plan.	Yes	1c
42	2	REGIONAL SIGNIFICANCE The whole management area should be included in the Jandakot Regional Park as it is part of the same drainage system and land uses to the west impact on the water quality in Forrestdale Lake.	The issue of Forrestdale Lake being included in Jandakot Regional Park will be included in the management plan, to be pursued over the life of the plan.	Yes	1c
43	1	An easement should be placed over the western drain and it should become a wildlife and vegetation connection between the lake and the regional park.	The western (James) drain flows from the Taylor Road wetlands and is managed by	No	2h

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
44	1	The possibility of a vegetation connection with Wungong Brook in Forrest Road reserve will be severed with the extension of the Tonkin Highway.	<p>the Water Corporation. The Department of Environment (DoE) have indicated that it could potentially be revegetated as part of their “Ribbons of Blue” program, and through an integrated catchment management group.</p> <p>The City of Armadale and community groups have been lobbying to get a fauna underpass between Forrest and Hanlin Roads to enable kangaroo movement between Bush Forever site 345 and the golf course (and the Wungong River). Main Roads have advised that a 1.8m high culvert will be put in, and also that only local native species would be used in landscaping along the Tonkin Highway, which would facilitate the vegetation connection with Wungong Brook.</p>	No	2b
45	3	We support the addition of areas within the Bush Forever site 345 to the Nature Reserve.	Supports the DMP.	No	2a
46	1	Forrestdale Lake is also included in the ‘Directory of Important Wetlands in Australia’, recognised as a System 6 wetland, and is an EPP and Conservation Category wetland.	That which was not already in the draft has been added to the final plan.	Yes	1e
		PART B. MANAGEMENT DIRECTIONS AND PURPOSE VISION <i>No submissions</i>			

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
47	1	LEGISLATIVE FRAMEWORK <i>The Aboriginal Heritage Act 1972 and Native Title Act are left out.</i>	These Acts have been mentioned in the Indigenous Heritage section, however have now been added to the Legislation section also.	Yes	1e
48	1	Forrestdale Lake is an EPP wetland protected under the Environmental Protection (Swan Coastal Plain Lakes) Policy 1992, which protects the environmental values of the wetland. Therefore any unauthorised filling, mining, draining (into and out of the wetland) effluent discharge and alteration of water levels of the wetland is prohibited.	This has been added to the management plan.	Yes	1c
49	1	The EPP is prescribed within the Environmental Protection Act 1986.	This has been added to the plan.	Yes	1e
		OBLIGATIONS AND AGREEMENTS <i>No submissions</i>			
50	6	PERFORMANCE ASSESSMENT The Conservation Commission is to see how CALM's key strategies are met, including ' <i>partner with other agencies and groups with similar interests</i> '. Therefore, we propose that there should be partnering in ways of Joint Management with Nyungah Elders/Native Title Claimants representing the Nyungah People. Nyungah elders have been proposing this to the WA Government since the early 1990s.	This comment addresses issues outside the scope of the management plan. Joint management is being addressed at other levels of the Department. However the local Aboriginal community are welcome to have input into the implementation of the management plan.	No	2c
		PART C MANAGING THE NATURAL ENVIRONMENT			
51	1	These are part of our culture. We have deep knowledge of plants and animals and birds and their habits and ways of life. You can't make knowledgeable, balanced plans without input from Nyungah Elders and Custodians with this knowledge.	With regards to the plan, this is a neutral statement and no change to strategies is sought.	No	2b
52	1	Local shire needs to maintain Skeet Park next to Forrestdale Lake so they complement each other.	This addresses issues beyond the scope of this management	No	2c

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
		<p>BIOGEOGRAPHY <i>No submissions</i></p> <p>GEOLOGY, LANDFORM AND SOILS This lake is most likely underlain by pyritic peaty sediments (ie potential acid sulphate soils). This means that extensive digging (eg <i>Typha</i> removal), de-watering or drainage has the potential to cause considerable environmental damage if this issue is not considered.</p> <p>CATCHMENT AND WATER PROTECTION Hydrology 2nd paragraph, we suggest the addition of “to maintain the viability of the wetland as a waterbird habitat” to the sentence ending “understood and managed” to emphasise the purpose for management.</p> <p>On page 10 in paragraph 3, last sentence, it is more accurate to say ‘Other factors contributing to pressures on groundwater include water abstractions, which are now at management limits, and the influence of drainage and surrounding landuses on the wetlands’.</p> <p>Review of the draft management plan reveals a major flaw in the catchment management of this important wetland.</p> <p>Lake water levels are controlled by climatic conditions, groundwater abstraction and stormwater drainage inflows. The absolute minimum water level has been breached several times and there is very little that can be done due to a combination of decreasing rainfall and groundwater extraction reaching management levels. In an attempt to resolve these issues and prevent further breaches, DoE has requested that the Minister for the Environment review the existing conditions.</p> <p>Water quality monitoring is undertaken annually by CALM. This is inadequate to gain any real value from the monitoring program and it is strongly suggested that a regular monitoring regime is instigated with monthly samples taken initially to establish a database (DoE can provide some assistance in developing an improved program). Sampling should be undertaken at at least five</p>	<p>plan. However CALM liaises regularly with the City of Armadale regarding management issues.</p> <p>This provides additional information relevant to management about potential threats to the reserve.</p> <p>This further clarifies what is already stated in the plan.</p> <p>This section of the plan has been re-written but includes the context of this comment.</p> <p>The plan proposes the formation of an Integrated Catchment Management Group to address catchment-wide issues.</p> <p>This statement was already in the DMP.</p> <p>DoE was involved in the establishment of the existing monitoring program through the nutrient study steering</p>	<p></p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p> <p>No</p> <p>No</p>	<p></p> <p>1a</p> <p>1e</p> <p>1e</p> <p>2b/2d</p> <p>2d</p> <p>2c</p>

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
59	1	localities around the lake's perimeter and near the man-made drains to determine the most likely source of nutrient input. There is also previous data from 1992 that should be collated and included in a new database.	group. The monitoring program will now be reviewed with their assistance. Water quality monitoring currently occurs annually at at least five locations around the lake. A baseline study has already been conducted which identified the most likely sources of nutrient input (see page 12 of DMP). CALM is investigating the possibility of establishing a database for water quality data for all wetlands, including Forrestdale Lake, and incorporating data obtained from DoE.	No	2d
60	1	It is recommended that groundwater levels and nutrient monitoring should be a top priority for the future management of the lake.	CALM considers these to be a high priority for management as is outlined in the management plan.	No	2d
61	6	Water Levels We are concerned that the absolute minimum of 21.1m AHD has been breached several times since 1996, mainly as a result of water extraction being too excessive.	The breaches have occurred as a result of the low rainfall in Perth over the past few years, and due to water extractions being at management limits. As mentioned in the management plan, the EPA is currently reviewing these criteria.	No	2d
62	1	We do not support a further reduction in AHD because: low water levels contribute to the spread of <i>Typha orientalis</i> and its encroachment onto the lakebed; and, water levels are critical to the health and survival of surrounding native plants and plant communities eg as has been seen with <i>Banksia</i> communities in the greater Perth area.	There will be an opportunity for public comment of the S46 review of minimum water levels that is currently being undertaken by the EPA. CALM is involved in this	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
63	6	The plan acknowledges that minimum water levels have been breached several times. The Water Corporation should be encouraged to comply with the EWPs as part of its environmental responsibility.	CALM is involved in this review and will bear this submission in mind. This comment is noted. However it concerns issues that are outside the scope of the management plan.	No	2c&d
64	6	Water levels need to be carefully managed to retain Lake Forrestdale's Ramsar values.	This is already stated and addressed in the plan.	No	2d
65	6	Groundwater extraction and urbanisation have affected the groundwater levels and this trend may worsen so we strongly support the proposal to develop and implement new EWPs for the Lake in conjunction with the urbanisation and groundwater reviews that are taking place at present.	This comment supports the strategies in the management plan.	No	2a
66	6	To ensure waterbird habitat is protected it is very important that strategies are implemented to maintain suitable water levels. The plan states that minimum water levels have been breached several times by the Water Corporation and this needs to be addressed.	The issue of water levels and waterbird habitat protection is already addressed in the plan.	No	2d
67	6	We are unhappy with the breaches of the Environmental Water Provisions (EWPs). These breaches should not be occurring.	Comment noted.	No	2b
68	2	The statement that "most of the environmental values protected by these EWPs....do not appear to have been significantly impacted" does not reassure us. We ask the question – on what basis is this advice given, what evidence supports it and what is deemed to be a 'significant impact'?	As referenced in the DMP, this comment is taken from the Water and Rivers Commission's <i>Section 46 review of environmental management conditions on management of the Gngangara and Jandakot Mounds – Stage 1 report to the EPA (2001)</i> . However, as this statement is not specific to Forrestdale Lake it has been deleted from the plan.	Yes	1e
69	1	The Section 46 review should deal with Forrestdale Lake's wetland processes and functions and be based on sufficient data to give reliable information.	The S46 review is being conducted by DoE on behalf of the EPA and involves an	No	2c

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
70	1	We support the strategies, provided that the new EWPs represent a raising of environmental standards for catchment and water protection.	the EPA, and involves an assessment of Environmental Water Requirements based on biological values. This comment is noted, but is outside the scope of CALM's management plan for the lake.	No	2a
71	1	If Forrestdale Lake is of such international importance why is the lake allowed to dry up during southern summer months? This is the northern winter – so migratory birds would be heading southwards to a dried up hard lake.	This statement supports the DMP. The lake is drying up earlier due to the lower average rainfall in Perth for the past decade or more, and hence a lowering of the groundwater table.	No	2b
72	2	Paragraphs 4 and 6 (page 11) are directly contradictory. I suggest that the final statement of para. 4 should be omitted as the area of <i>Typha orientalis</i> has been increasing as a consequence of water level changes.	The suggested statement has been deleted from the plan as it was pertaining to the entire coastal plain and not directly to Forrestdale Lake.	Yes	1e
73	1	On page 11, paragraph 5, the 3 rd sentence, “In an attempt to prevent future breaches on the mound, the DoE requested that the Minister for the Environment review the existing conditions” should be omitted and replaced with, “In September 2001, the Environmental Protection Authority (EPA) endorsed a two-stage approach to a review of the Ministerial conditions of environmental approval for management of the shallow groundwater resources of the Jandakot Mound. This arose from a Water and Rivers Commission request to the Minister for the Environment for a review of the existing Ministerial conditions due to consistent transgressions. The Minister subsequently asked the EPA to ‘inquire into, and advise on, changes to the existing Ministerial conditions’ under Section 46 of the Environmental Protection Act 1986.”	This provides more detail to what is already stated in the plan. The context of this has been updated in the final to reflect the current situation.	Yes	1c
74	1	The reference is ‘Water and Rivers Commission (2003) <i>Progress Report 2003, Section 46 Review of the Conditions on Management of the Gnangara and Jandakot Mounds</i> . Water and Rivers Commission, Perth.’	Reference added to list in plan for the above-mentioned inclusion.	Yes	1a

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
75	1	Water Quality There is an error in references to the proposed water quality target for total phosphorous, which should read 150ug/L rather than 150 mgm/L (one thousand times higher).	The plan has been amended to correct this error.	Yes	1e
76	2	In order to improve water quality and to minimise sources of pollution, infill sewerage to the Forrestdale township should be a high priority.	This issue is outside the scope of the plan. However CALM will support any actions for this to occur.	No	2c
77	1	We support the proposal for an integrated catchment management group for Lake Forrestdale and request that it be given a high priority. This should be a KPI for 2005.	CALM will support the formation of such a group, but will not be accountable for its formation as it pertains to areas off CALM estate.	No	2c
78	2	There is a major problem with many unsewered properties in Forrestdale and the area should be given a priority for infill sewerage.	This issue is outside the scope of the plan. However CALM will support any actions for this to occur.	No	2c
79	1	Support for beneficial policies and strategies of other management authorities is very important to ensure that there is no decline in water quality of the lake.	The plan states that CALM will support and liaise with other management authorities.	No	2d
80	2	We are not confident that diffuse sources of pollution are being dealt with adequately. Whilst studies into nutrient levels and monitoring is occurring, we are unaware of any nutrient enrichment program reduction in the catchment. This needs to be dealt with more vigorously.	The strategy to form an Integrated Catchment Management Group will help to address such issues, and will be supported by CALM.	No	2d
81	1	NATIVE PLANTS AND PLANT COMMUNITIES More detailed surveys are needed to identify the threatened species and communities.	There is already a strategy in the plan that addresses this.	No	2d
82	2	We strongly support assessment of development proposals on adjoining land by CALM under the <i>Environmental Protection Act 1986</i> and the <i>Town Planning and Development Act 1928</i> .	Supports the DMP.	No	2a
83	2	We support the proposed strategies and KPIs in this section.	Supports the DMP.	No	2a

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
84	1	We support the objectives.	Supports the DMP.	No	2a
85	1	Threatened Ecological Communities It is essential that hydrology, fringing vegetation, weeds and human impact be managed for conservation.	The plan has an emphasis on conserving the key values of the reserve and managing the threats to these.	No	2d
86	1	We support the objective, strategies and KPIs listed in Table 1.	Supports the DMP.	No	2a
87	1	We support the proposed strategies and KPIs in this section.	Supports the DMP.	No	2a
88	4	NATIVE ANIMALS AND HABITATS Fox control should be a high priority as they are currently having a devastating impact on native animals.	Traditional methods of fox control are not practicable in urban areas such as Forrestdale Lake for reasons of visitor safety. Research of more suitable techniques is ongoing and will continue to be investigated over the life of the plan.	No	2f
89	2	To allow for movement of kangaroos, loops should be provided in fences in locations to be determined later.	This will occur during fence construction and maintenance, in consultation with the Friends of Forrestdale.	No	2c
90	2	We support the proposed strategies and KPIs.	Supports the DMP.	No	2a
91	2	To allow for movement of kangaroos, wildlife openings could be provided in fences at locations to be determined later.	This will occur during fence construction and maintenance, in consultation with the Friends of Forrestdale.	No	2c
92	1	The impact of arson on fauna has been enormous. The large fire at Forrestdale Lake a couple of years ago devastated terrestrial fauna. These fauna impacts have not been reported on by CALM. This should have happened.	CALM recognises that intense wildfire has significant impacts on fauna populations. The strategies in the Fire	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
93	2	We support the strategies as listed. However, additional strategies consistent with protecting waterbirds, mammals and reptiles to a similar level to wading birds are necessary. This is consistent with the expectations of the community.	Management Plan aim to reduce the frequency and size of wildfire events to minimise impacts on flora and fauna. The management plan already includes a strategy to research and monitor fauna, including waterbirds, mammals and reptiles.	No	2d
94	1	It is also considered appropriate that fauna be considered broadly in view of the bushland additions to the Nature Reserve.	Comment noted.	No	2b
95	1	Migratory Waders Reference should be made to the <i>New Atlas of Australian Birds</i> (http://www.birdsaustralia.com.au/atlas) as this atlas includes up to date information about Forrestdale Lake.	Reference to the Atlas has been added to the plan.	Yes	1e
96	1	Macroinvertebrates In the midge sub-section reference should be made to J. Davis and Christidis (1997) <i>A guide to wetland invertebrates of south-west Australia</i> (WA Museum) as this guide includes information about Forrestdale Lake.	Reference to this book has been added to the plan.	Yes	1e
97	1	ENVIRONMENTAL WEEDS We suggest that the pine trees (high water users) and introduced Eucalypts present in the WAPC land should be removed as part of the weed management plan.	The trees will gradually be phased out and replaced with indigenous vegetation as part of a revegetation plan for the planning area.	No	2d
98	2	I applaud the focus on appropriate control of bulrush.	Supports the DMP.	No	2a
99	2	Dredging the lakebed to remove <i>Typha</i> should be given consideration because any associated deepening of the lake would help offset this long-term trend (of declining ground-water levels).	Forrestdale Lake is most likely underlain by pyritic peaty sediments (i.e. potential acid sulphate soils), which means that extensive digging has the	No	2f

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
100	1	Regarding the extent of <i>Typha orientalis</i> , control to prevent encroachment 'too far' onto the lakebed is too vague and should be specified with indicators.	that extensive digging has the potential to cause considerable environmental damage. A Key Performance Indicator is specified for the reduction of <i>Typha</i> in Table 1 of the management plan. Text has been amended to reflect this.	Yes	1e
101	4	We believe an acceptable extent of <i>Typha orientalis</i> for maintaining a viable wading-bird habitat would be at the 1995 level of encroachment (not 2000).	The KPI has been amended to a reduction of <i>Typha</i> by one third every three years over the next 10 years. A strategy is included in the plan to remove sedges and rushes on mudflats, where appropriate, to maintain wader habitat.	No	2e
102	2	During the last five years <i>Typha</i> has advanced rapidly along the western side and should be eradicated.	<i>Typha</i> control will be addressed as part of the weed control program for the planning area, and the plan contains a KPI to ensure the amount of <i>Typha</i> is reduced.	No	2d
103	4	We support the strategies in this section but wish to point out that <i>Typha</i> has already invaded too much of the lake and the KPI should be amended to reduce the current coverage by at least 30% by 2013.	As per comment 101.	No	2e
104	2	Lake Forrestdale is Ramsar-listed as a wader habitat and the current extent of <i>Typha</i> coverage is compromising that value.	This is already acknowledged in the plan.	No	2d
105	1	The southern end of recreation reserve has been taken over by lovegrass and introduced wattles. How can you plan to eradicate these areas that are so large and so over run?	Weed infestations such as this will be addressed in the proposed Weed Control Plan and Rehabilitation Plan for the planning area.	No	2d
106	4		As per comment 101.	No	2e

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
107	2	We recommend that an acceptable extent of <i>Typha orientalis</i> encroachment for maintaining wading-bird habitat would be at the 1995 level, not 2000. <i>Typha</i> has advanced rapidly in recent years on the western side and should be removed.	Control of <i>Typha</i> will be addressed as part of a weed control program for the planning area.	No	2d
108	1	Arum Lily and Bridal Creeper are serious weed threats and need further work to eradicate them.	Control of these weed species will be addressed in the Weed Control Plan for the planning area.	No	2d
109	4	We recommend that the proposed program for the eradication of <i>Typha orientalis</i> be more ambitious than that set out in the draft plan.	As per comment 101.	No	2e
110	2	Weed species have flourished, fuelled by the numerous bush fires that have occurred in the reserve over recent years. Fire prevention / minimisation should be a strategy to limit the spread of weeds into the bushland.	CALM agrees with this comment, and there are already strategies in the plan to this effect.	No	2d
111	1	It appears that areas of weed infestation have not significantly reduced over the life of the existing management plan, and indeed new weeds and their invasion into other areas have occurred.	Comment noted.	No	2b
112	2	Include a strategy to limit further spread of weeds by adopting a policy on minimising the impact of fires on the reserve through rapid response and containment.	This issue has been addressed in the Fire Management Plan for the planning area.	No	2d
113	1	INTRODUCED AND OTHER PROBLEM ANIMALS We would encourage a pilot study of a cat-free zone and cat curfew in the City of Armadale.	As stated in the DMP, CALM would support any such study undertaken by the City of Armadale.	No	2d
114	1	Perhaps a vermin-proof fence (VPF) could be constructed around a section of the lake to enable a fox eradication program using 1080 bait similar to that at Thomsons Lake. The possibility for a pilot study for 1080 baiting close to urban areas could be done at Forrestdale Lake.	The cost of installing a VPF is extremely high and is generally only used for the protection of critically endangered fauna. The fence at Thomsons Lake has shown that a VPF can also lead to secondary problems, such as the need for kangaroo	No	2f

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
115	1	Midge control would not be a management issue if past land subdivision by the WAPC had provided an adequate buffer of ~ 500m rather than as little as 70m in some areas around the lake.	control and removal of cygnets and tortoises in dry years. For these reasons, it is not deemed a suitable solution at FL. Comment noted.	No	2b
116	2	We encourage the inclusion of strategies in Table 1 that address fox and cat control as well as midge control.	Traditional methods of fox and cat control are not practicable in urban areas such as Forrestdale Lake for reasons of visitor safety. Research of more suitable techniques is ongoing and will continue to be investigated over the life of the plan.	No	2d
117	4	Fox control should be a high priority as they are currently having a devastating impact on native animals.	Traditional methods of fox control are not practicable in urban areas such as Forrestdale Lake for reasons of visitor safety. Research of more suitable techniques is ongoing and will continue to be investigated over the life of the plan.	Yes	1e
118	4	We are aware that there are many foxes in the reserve that predate on water birds and that more active fox control is required. The current level of control of ferals is not adequate.	As above.	Yes	1e
119	4	Fox control is important as they are having a serious impact on native fauna.	As per comment 117.	Yes	1e
120	1	Feral bees should also be eradicated as they occupy valuable nesting hollows for a range of native animals.	CALM recognises the problem of feral bees and their impacts in many CALM-managed lands across the state. However they are not thought to be a major issue at Forrestdale Lake. Having said	Yes	1d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
121	1	We support the use of 1080 for fox control along with appropriate and adequate warnings. Forrestdale Lake should be part of the Western Shield program.	that, hives may be able to be removed on a case-by-case basis. As per comment 117.	No	2f
122	2	The baiting program for cats should be outlined in the management plan and be a priority action.	Cat baiting is being trialled by CALM in some areas of the state. However it is not a feasible option at Forrestdale Lake, due to its close proximity to urban areas.	No	2f
123	1	We support midge control, provided it does not impact on the wetland values of the waterbirds. Strict standards and protocols must be maintained at all times to prevent adverse impacts from the use of pesticides.	CALM has a midge monitoring and control plan for Forrestdale Lake. Midge treatments are timed to reduce levels of nuisance midge whilst minimising environmental impacts.	No	2d
124	1	Early spraying for midges/mosquitoes otherwise they become a problem to residents.	As above. Midges are sprayed as necessary, providing conditions are favourable and in accordance with the Swan Coastal District's control plan.	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
125	4	DISEASE Disease caused by Phytophthora A detailed Phytophthora dieback management plan is required. It needs to review all options including quarantining uninfested threatened species and communities.	A strategy has been added to the plan to prepare a Dieback Management Plan, which identifies timeframes for re-surveying and required signage for quarantining infested areas.	Yes	1d
126	1	We support the objectives and strategies to minimise the risk associated with <i>Phytophthora cinnamomi</i> .	Supports the DMP.	No	2a
127	4	Areas infected with dieback should be identified and signage erected to inform the public of their responsibility to contain the disease.	The plan states that infected areas will be quarantined, and these areas will be identified by appropriate signage to restrict access.	No	2d
128	4	Please include a strategy to prepare a map of the dieback and to quarantine dieback-affected areas and re-survey every year, otherwise the KPI will be meaningless.	There is already a strategy in the plan to quarantine dieback-affected areas. The planning area will be re-surveyed for <i>P. cinnamomi</i> at least every 5 years.	No	2d
129	1	Please note that there are community groups that are willing to treat dieback-affected areas and this could be a useful form of cooperation with the community.	Comment noted. Community support and assistance is highly valued by CALM.	No	2b
130	1	Include a public report and update on the areas affected by <i>Phytophthora cinnamomi</i> at 3 yearly intervals.	Once the planning area has been re-surveyed for <i>P. cinnamomi</i> , new signs will be installed as required, and an update can be written for the local newsletter. However this level of detail is not necessary in the management plan.	No	2h

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
131	4	Identify and sign for dieback areas for people to stay clear of.	This will be included as part of the Dieback Management Plan, and is already stated in the FL management plan.	No	2d
132	2	FIRE The prospect of prescribed burns in the reserve is of concern because of the particular issue associated with fires at wetlands, namely the potential for peaty soils to be set alight and to smoulder for months in the ground. Anstey Swamp provided an example of this occurrence several years ago.	Prescribed burning is a tool that when used appropriately, can help protect biodiversity by minimising the impact of unplanned fire. It would only be undertaken following extensive consultation and appropriate planning.	No	2e
133	2	We are opposed to the suggestion that prescribed burning should be considered in this fragile wetland habitat. The reserve is burnt too frequently at present by wildfires and there is no need for further burning.	As above.	No	2e
134	1	You should make every effort to develop rapid response plans to contain and extinguish any fires that may break out in the reserve.	A Fire Management Plan, which addresses fire response, has been prepared for the planning area in consultation with FESA and the City of	No	2c

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
135	1	Wildfire is of great concern.	Armadaale. The event of wildfire has been addressed in both the management plan and the Fire Management Plan.	No	2b
136	6	Nyungahs have important knowledge as input and without this knowledge you won't be able to have proper management. There must be real and proper Joint Management between Nyungah Elders and CALM.	The issue of joint management is being discussed at Departmental level and is outside the scope of this management plan.	No	2b
137	1	The failure to deal with arson in accordance with the Fire Management Plans has contributed to the degradation of Forrestdale Lake Nature Reserve. This situation must be addressed in the Management Plan and Works Program.	The planning area is situated on an urban interface. No fire management plan can prevent arson but there are strategies in place to deal with unplanned fire, and community consultation to educate the community with the aim of decreasing the incidence of arson.	No	2d
138	1	The Friends of Forrestdale should be fully consulted should slashing be considered necessary.	The District will consult with the Friends of Forrestdale regarding priorities for the works program for the reserve.	Yes	1d
139	1	Fire control measures – removal of dead trees and regular maintenance of dried crags to prevent fire.	As outlined in the management plan, a system of firebreaks will be maintained as per the fire management plan.	No	2d
140	1	Please refer to the attached <i>Water Notes- Wetlands and Fire</i> for advice on fire management.	Noted and referred to.	No	2b

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141	1	PART D MANAGING OUR CULTURAL HERITAGE The Friends of Forrestdale has collected and transcribed a large number of oral histories about Forrestdale Lake, which are being assembled into a book. We invite the Department to support this project in whatever way it can to achieve its aim of publication.	Comment noted.	No	2b
142	1	INDIGENOUS HERITAGE School curriculum states that we need to develop our knowledge and understanding of indigenous culture. Limited information is available at present. This is an opportunity to develop an understanding and establish a factual base in the school so education develops in the community.	Interpretation signs to be developed for Forrestdale Lake will include information on the indigenous heritage of the area.	No	2b
143	1	The Federal Court with Justice Beaumont and the entire Court itself came to Forrestdale Lake with the Named and Registered Native Title Claimants earlier in 2003 because of its significance to Nyungah people and their knowledge and associations with the area.	Comment noted. Not related to the content of the management plan.	No	2b
144	1	It is a false belief that the Aboriginal Heritage Act that is mentioned protects our Sites and Ancestors' Objects. The Act should do this but it gives permission for the disturbance, damage and destruction of our Sites and Culture in the Land. Almost 100% of applications to disturb or destroy our Sites are approved by the Minister. There is no way in the AHA to guarantee protection of our Sites.	Comment noted. The administration of the AHA is outside the scope of this management plan.	No	2c
145	6	If the Conservation Commission is genuine, there has to be joint management of Forrestdale Lake (and Thomson's Lake) with the qualified Nyungah Elders.	The issue of joint management is being discussed at Departmental level and is outside the scope of this management plan.	No	2b
146	2	The registered Aboriginal site in the park is described in the management plan, however no indication of how the site will be protected and managed is provided. The incorporation of cultural heritage in the management plan will ensure that the site will not be disturbed by future improvements to the park or by visitors to the park.	Information on the protection of cultural sites has been added to the management plan	Yes	1e
147	2	This portion of the plan indicates that there is one site in the area and notes the obligation under the Aboriginal Heritage Act. However, management plans with regards to the site have not been addressed.	Information on the protection of cultural sites has been added to the management plan.	Yes	1e
148	2	It is recommended that the relevant Aboriginal stakeholders be consulted about the site to ensure that the cultural interests are taken into account in the management plan. For example, perhaps signs	The local Aboriginal community were consulted	No	2d

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		could be erected with the involvement of the Aboriginal community describing the story of the site.	during the planning process by letter, and were also invited to nominate a representative to the Forrestdale Lake Advisory Committee, but have so far not done so. CALM is very willing to consult with the Aboriginal community during the development of interpretation information for the planning area and a statement to this effect has been added to the plan.		
149	1	Paragraph 2 page 20: 'Winnatch' means an avoidance area specifically, not a place of great religious significance – as told to myself by Busselton Nyungar people.	This comment has been removed from the plan to avoid any confusion over its meaning.	Yes	1e
150	1	NON-INDIGENOUS HERITAGE The draft contains some history of white people but there is no history of the Indigenous people. We have knowledge and information of our history of the area.	There is already a section in the plan titled Indigenous Heritage, which summarises the history of Indigenous people.	No	2d
151	3	PART E MANAGING VISITORS VISITOR OPPORTUNITIES As a replacement for the boardwalk, we recommend the construction of a raised walkway with a limestone foundation and concrete path on top that is fire and vandal proof. It should connect with the existing cycleway to enable wheelchair access.	This was already stated in the DMP, on page 22.	No	2d
152	3	As a replacement for the boardwalk, we suggest the construction of a limestone-raised walkway with a concrete path on top, which would be fire and vandal proof.	This was already stated in the DMP, on page 22.	No	2d
153	2	Population growth in the Forrestdale area is likely to have a significant impact on the recreational use of Forrestdale Lake. Whilst the draft management plan acknowledges the limited access for pedestrians, visitor use strategies primarily focus on the provision of facilities for horse-riders and bushwalkers.	More information on passive recreation use and upgrade of walk trails has been added to the plan. However active recreation is contradictory to	Yes	1d/e

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154	2	It is recommended that further consideration be given (and strategies identified in the management plan) to the provision, upgrade and enhancement of passive recreation facilities in the light of future urban development in the region.	the purpose of the nature reserve and will not be provided for. Horse riding is the exception to this due to its historical association with the area. As above. Due to the nature reserve status of Forrestdale Lake, CALM will aim to direct active recreation pursuits to the nearby Jandakot Regional Park.	Yes	1d/e
155	2	I have concern about the fact that there is a blanket prohibition upon commercial use. I believe the statement would also restrict CALM's ability to grant licences for commercial tours to the reserve even though they might have a high interpretive value and be totally appropriate.	The plan has been amended to allow for passive commercial use, such as guided walks and bird watching tours, should the demand ever arise.	Yes	1d
156	1	You encourage private individuals to visit but not groups on commercial tours who would be under supervision and the operators subject to licence conditions to manage their behaviour. I can't think there would be a huge demand but could this please be considered?	As above.	Yes	1d
157	1	VISITOR USE More sign posting to location of lake.	This refers a level of detail outside the scope of the management plan. However the District will liaise with Main Roads to have direction signs installed as deemed appropriate.	No	2c
158	3	Replace boardwalk with a fireproof structure eg steel or soil mound.	This was already stated in the DMP, on page 22.	No	2d
159	2	Link wheelchair access to walkways.	This was already stated in the DMP, on page 22.	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
160	1	More/regular maintenance of bike/walking track (roll track not grade), and weed removal Birdwatching <i>No submissions</i>	The trails at FL are graded and crushed limestone as required. Weeds will be removed as per the Weed Control Plan for the planning area.	No	2c
161	1	Bushwalking There should be designated walk trails, signage and barriers (fencing or bollards) within and around Forrestdale Lake to prevent uncontrolled access through areas of the wetland.	There are some designated trails already in the planning area. The management plan proposes to rationalise the trail network and close those that aren't necessary. The plan also states that signs will be provided.	No	2d
162	1	Horse Riding The proposed retention of bridle trails within the WAPC Proposed Land Tenure additions is supported as it provides opportunity for continuation of this activity whilst also managing disease and the protection of flora and fauna.	Supports the DMP.	No	2a
163	5	Bridle trails should be limited to the boundaries of the conservation areas.	Horse riding will be confined to fenced bridle trails and will not be permitted in sensitive areas of the planning area.	No	2d
164	5	To accommodate horse riders a limited system of trails using existing trails should be gazetted as Conservation Park and fenced off from the rest of the reserve in order to protect the conservation values of the reserve.	The management plan already states that the bridle trails will be fenced.	No	2d
165	3	A more detailed map needs to be provided in the management plan and in the brochure in order to manage horse riding and protect the conservation values of reserve C27165. As currently indicated, the system of horse riding trails conflicts with the conservation values of the Reserve.	A larger, more detailed map has been included in the final management plan.	Yes	1e
166	3	Horse riding is a serious problem as it spreads dieback, weeds and litter and disturbs the topsoil.	This is already stated in the	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
167	5	<p>Horse riders should be confined to designated bridle trails that are fenced off from the reserve and that also serve as fire trails.</p> <p>We would like to see all horse riding excluded from the reserve by 2013 and confined to perimeter trails like those at Thomsons Lake. These trails may need to be resurfaced with limestone if they are to be used as fire trails.</p>	<p>plan.</p> <p>Horse riding activities and the demand for this use, will be reviewed as necessary over the life of the plan. Words to this effect have been added to the plan.</p>	Yes	1d
168	5	Horse riding is inappropriate in "A" class reserves and should be confined to perimeter tracks.	It is already stated in the plan that horse riding will be confined to fenced trails and will be excluded from sensitive areas of the planning area.	No	2d
169	5	We do not agree with permitting horse riding in sensitive areas. We do not support horse riding in the proposed Conservation Park. Any bridle trails should be outside the reserve and the proposed Conservation Park.	As above.	No	2d
170	1	Should horse riding be permitted a levy should be applied. This levy should be used to meet the additional management requirements incurred as a consequence of this inappropriate recreational use.	Charging of a fee for entry on horseback is not feasible at Forrestdale Lake given the low usage and absence of a staffed entry station.	No	2f
171	1	Generally, the Water and Rivers Commission recommends a minimum 50m buffer around Conservation Category (CCW) and Resource Enhancement (REW) wetlands. However it is understood that horseriding in Forrestdale Lake is an historical use for many years. Therefore the following management practices are recommended to prevent impacts from horse riding:			
172	1	<ul style="list-style-type: none"> Designated bridle trail to be made from compacted limestone; 	The trail surface will be developed in consultation with DoE and the horse riding community.	No	2c/d
173	1	<ul style="list-style-type: none"> Trail to be made on existing track or firebreak (avoid additional clearing of vegetation); 	<p>This is already proposed in the plan.</p> <p>As mentioned in the plan,</p>	No	2d

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174	1	<ul style="list-style-type: none"> Trail to avoid boggy or wet areas; 	some sections of the trail will be closed in winter as they become too wet to be utilised.		
175	3	<ul style="list-style-type: none"> Fencing or barrier along bridle trail to stop horses leaving the trail; 	This is already proposed in the plan.	No	2d
176	1	<ul style="list-style-type: none"> No resting points along the trail near wetland areas (ie within 50m of wetland boundaries); 	No horse resting points are proposed along the bridle trail.	No	2h
177	1	<ul style="list-style-type: none"> Manure management (ie riders to collect horse manure and dispose of in collection bins along the trail – similar to dog manure management in parks); 	Horse riding is an historical use at FL and there has never been any need for manure management as it does not have a huge impact. Also, it is very hard to enforce.	No	2f
178	1	<ul style="list-style-type: none"> The creation of a local bridle trail or horse riding groups to assist in management and maintenance of the trail; and 	CALM doesn't actively promote horse riding, but rather manages the existing use, and so isn't in the business of establishing horse riding groups.	No	2f
179	2	<ul style="list-style-type: none"> Education program for riders and owners providing a background and understanding for reserve management, how impacts can be reduced and what they can do to help. Education to be in the form of signs, pamphlets (located at the reserve, local council offices, CALM offices, horse riding clubs etc), local newspaper articles, horseriding magazines etc. 	An education program for horse riders will be included in the Interpretation Plan for Forrestdale Lake and will include a brochure and signs.	No	2h
180	1	<p>ACCESS</p> <p>Constructing quality pathways around the reserve that are useable throughout the year should be a priority.</p>	The tracks are maintained also for management and emergency access and as fire breaks, and, as the trails go through Conservation Category Wetlands, CALM is restricted as to what degree they can be upgraded. However, quality pathways will be provided where suitable for visitors.	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
181	1	Forrestdale Lake's outstanding conservation values should be enjoyed by as many visitors as possible provided our various activities are compatible with those values.	where suitable for visitor access. CALM fully agrees with this comment and encourages appropriate, passive recreation at Forrestdale Lake.	No	2b
182	1	I hope the reserve will be presented as a showpiece, with appropriate landscaping and facilities leaving visitors feeling welcome and satisfied with their visit.	Forrestdale Lake is a nature reserve, and hence the plan aims to improve access for visitors whilst protecting its conservation values.	No	2d
183	1	The recent destruction of the boardwalk by fire might be an opportunity to consult with residents and the broader community and consider whether that boardwalk was the most appropriate site. As a visitor I find that the proximity of housing to the boardwalk detracts from the enjoyment of visiting it. Might not some locals find visitors to that area of the reserve intrusive? A boardwalk further west around Commercial Rd would offer visitors a more natural and serene experience without those visitors breathing down the necks of the locals in the process.	As stated in the plan, the community will be consulted regarding the replacement of the boardwalk.	No	2d
184	1	Stirling Rd should be closed and Oxley Rd should be opened up. The most valued bird area is opposite the golf course on Stirling Rd.	Stirling Road is a shire road and provides access for landholders. It is outside of CALM's management area and jurisdiction. The land referred to is private property that is outside the planning area and thus beyond the scope of the management plan. It is an issue for Bush Forever.	No	2c
185	1	The City's intent is to close and amalgamate unmade road reserves into Reserve 27165 for management by CALM. (a) Commercial Rd from Lot 282 (south of Swamp Rd) to Oxley Rd (Lot 279). (b) Oxley Rd west of Stirling Rd and to Lot 303 (west of Commercial Rd) (c) Commercial Rd from Lot 169 to Stirling Rd (Lot 379) (d) Un-named road south of Oxley Rd between Lot 303 and Lot 11.	This has been added to the plan.	Yes	1a
186	1	Trails are proposed in this Draft Management Plan without any input from Nyungah People.	All of the proposed trails	No	2d

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187	2	We agree that the ad hoc network of tracks including those in reserve 27165 be closed and rehabilitation facilitated.	already exist in some form. The local Indigenous people were invited to be involved in the planning process but have, to date, not responded to CALM's invitations to meet. Supports the DMP.	No	2a
188	1	We recommend that the further enhancement and management of trails located in both the Forrestdale and Thomsons Lake areas be exposed to a specific strategic planning process, which would focus on the connectivity with surrounding trails and recreational pursuits in addition to considering connection to trails of regional significance.	A reference to linking with local trails has been added to the final plan.	Yes	1d
189	1	Further, the planning process should consider future and current recreational uses, including that of equestrian pursuits.	Comment noted.	No	2c
190	1	PART F MANAGING SUSTAINABLE RESOURCE USE SCIENTIFIC AND RESEARCH USE CALM and the Friends group should promote Forrestdale Lake as a study site. Murdoch University is close by and has expertise in wetland, <i>Phytophthora</i> and native mammal studies.	As per the strategy in Scientific Research and Use (Table 1), CALM will encourage the participation of all universities in undertaking research projects at Forrestdale Lake.	No	2d
191	1	Federal grants would be available to universities if CALM, the City of Armadale and local industries could provide cash and in-kind assistance.	CALM welcomes the involvement of all universities and schools in undertaking research at its sites. The Department can't comment on behalf of the City of Armadale or local industries.	No	2h
192	1	Research and information needs to be provided to the community.	New signs and information are proposed to be developed for Forrestdale Lake, which will address this issue.	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
193	3	School programs can be developed to assist in achieving objectives.	CALM's Swan Coastal District supports the development of school programs to assist the management of the planning area.	No	2h
194	1	REHABILITATION We support the objectives and strategies listed in Table 1.	Supports the DMP.	No	2a
195	1	Rehabilitation has not only been undertaken by Friends of Forrestdale in the reserve with the support of the Department, it has also been undertaken by the Friends in some of the areas acquired by, and with the support of, the Department for Planning and Infrastructure. This rehabilitation should be acknowledged in the management plan and further support should be provided to extend the area of rehabilitation.	Text has been added to the plan acknowledging the work of the Friends group.	Yes	1b
196	1	Some areas of the reserve need revegetation and you should develop a detailed revegetation plan and implement it with assistance from community groups. The aim of the plan should be to re-establish native vegetation in all parts of the reserve by 2013.	The management plan proposes the development of a rehabilitation plan for the planning area, to progressively re-establish native vegetation on a staged basis.	No	2d
197	1	Page 24 – the last paragraph should note that local provenance ie seed collected from within the nature reserve, should be used for any rehabilitation at the site.	This is what CALM aims to do. However there is not always enough source seed on site. If this is the case, then seed of Swan Coastal Plain provenance of local species will be used.	Yes	1e
198	1	PART G INVOLVING THE COMMUNITY INFORMATION, EDUCATION AND INTERPRETATION We support the objectives and strategies listed in Table 1.	Supports the DMP.	No	2a
199	3	The school is a valuable resource to inform and educate children and community. As an action plan to achieve key values, strategies can be developed by involving an educational programme through the primary school.	CALM's Swan Coastal District is happy to work with the school to develop a works program for activities in the planning area, as per Strategy 1	Yes	1b

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
200	3	More emphasis needs to be placed on community members to take on ownership of the preservation of the lake. Education and opportunity needs to be provided.	– Working with the Community. Comment noted. Education is a key objective of CALM and will be included in the Interpretation Plan for Forrestdale Lake.	Yes	1e
201	3	Many strategies can be operational within the local primary school devised under a community involvement program.	As per comment 199.	Yes	1b
202	2	The interpretive bird signs from the boardwalk should be restored and reinstalled on the edge of the walkway.	This strategy is already in the management plan.	No	2d
203	1	The large interpretive signs adjacent to the Moore St carpark need to be updated and replaced. The brochure box needs to be repaired and re-installed. A new, updated edition of the brochure covering the whole management area needs to be published with a code of conduct for all visitors, including horse riders.	This is already included in the text of the plan and the strategy to develop an Interpretation Plan for the reserve.	No	2d
204	1	We suggest the strategy of an annual newsletter to residents in which the Department reports on the achievements of the past year in implementing the Plan and outlines the proposed programme of works for the coming year. The Friends of Forrestdale would distribute the newsletter.	Such a strategy is already in the management plan (see Table 1 Information, Education and Interpretation).	No	2d
205	1	Forrestdale Lake is a Ramsar-listed site and it should be a showpiece for CALM and WA. Much better signage, interpretation and management are needed to achieve this goal. CALM should work closely with the Friends group and fund them to assist you with revegetation, information and education.	Strategies are already included in the management plan to improve interpretation signs and information, as well as for further revegetation and weed control to improve and protect the values of the reserve.	No	2d
206	2	Provide vandal proof interpretation signs about various birdlife.	This will be addressed in the Interpretation Plan for the reserve.	No	2h
207	1	Involve the primary school to prepare information signs for the boardwalk.	As per comment 199.	Yes	1b
208	1	Better information booth (vandal proof).	This will be addressed in the Interpretation Plan for the	No	2h

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
209	1	Educate schools in the lake's importance to lessen vandalism.	reserve. Education is a priority and has been addressed in the plan.	No	2d
210	1	Interpretive signage could be developed in consultation with the Aboriginal community to enable visitors to the park to understand the importance and significance of the sites.	CALM is very willing to consult with the Aboriginal community during the development of interpretation information for the reserve and a statement to this effect has been added to the plan.	Yes	1d
211	1	WORKING WITH THE COMMUNITY Please contact people who want progress in the area not the same old ones with self-interest. A big look at the area with fresh views please.	An extensive consultation process was undertaken during preparation of the draft plan. A community meeting was held and an advisory committee was formed. These were all widely advertised in local and state papers, inviting people to be involved in the management planning process.	No	2b
212	1	You say, " <i>At this stage of the draft management plan, opportunity exists for interested community members and organisations to comment</i> ". Will you take comment and proposals from Black People, the indigenous people, us Elders? In good faith? Will you meet with us?	CALM encouraged and invited comments on the draft plan from all members of the community. The release of the draft plan was widely advertised in local and state newspapers. CALM has invited the local Elders to meet with them on several occasions.	No	2d
213	1	Representatives of the Aboriginal community should be involved in all aspects of management of the park.	Aboriginal representatives were invited on several occasions to be involved in the planning process and to have	No	2d

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
214	1	Friends of Forrestdale It is critical that CALM works closely with the Friends group during the implementation of the plan. It is a well-organized and knowledgeable group that can play a significant part in the success of the plan.	input along the way, and to nominate a representative to the advisory committee. CALM is committed to stakeholder involvement in planning and management and welcomes the involvement of the Friends group.	No	2b
215	1	The unpaid work of the Friends of Forrestdale should be acknowledged and appreciated. Volunteers who contribute over a long period of time should not be treated as free labour but as partners and their views and concerns should be considered.	CALM greatly appreciates the valuable work of the Friends of Forrestdale, and has acknowledged this in the management plan.	Yes	1e
PART H MONITORING AND IMPLEMENTING THE PLAN <i>No submissions.</i>					
216	1	REFERENCES Reference to <i>Wetlands Conservation Policy for Western Australia 1997</i> is not in list of references.	Reference has been added to the plan.	Yes	1e
217	1	Reference to Swan Coastal Plain Lakes Policy (1992) is not in list of references.	Reference has been added to the plan.	Yes	1e
218	1	Reference to (Ramsar, Iran, 1971) not in list of references (pp26-28)	Reference has been added to the plan.	Yes	1e
219	1	Reference to Directory of Important Wetlands (2001) should be to Directory of Important Wetlands (Environment Australia. 2001)	Reference has been amended.	Yes	1e
220	1	No reference to Register of National Estate	A footnote has been added to the plan detailing the Register of the National estate.	Yes	1e
221	3	MAPS I note that it was very difficult to identify the bridle trails in Map 2.	A new map (Map 3) has been included in the plan, to better identify the location of the bridle trails.	Yes	1e

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
222 223	3 1	I am unclear from the small map (Map 2) as to what horse-riding trails are proposed to be retained. Map is incorrect – South West Highway is south of Armadale, Albany Hwy is to the north between Armadale to Tonkin Hwy.	As above. Map 1 has been amended as advised.	Yes Yes	1e 1e
224	1	TABLE 1 Very good summary table. Could possibly detail strategies within the text of the plan.	Supports the DMP. All strategies are detailed in the text of the plan.	No	2a
225	1	Water Quality We generally support the strategies, however with respect to KPI 1 – we believe that the no decline in water quality target should be upgraded to requiring an improvement in the water quality.	All of the KPIs in the draft plan have been reviewed for the final plan. The KPI is based on indicators of water quality rather than an improvement or worsening in water quality.	No	2d
226	1	Native Plants and Plant Communities We support KPIs 1 and 2.	Supports the DMP.	No	*2a
227	1	There should also be a KPI that relates to the overall extent and condition of the bushland and also monitoring of the extent and condition of the bushland. It is not acceptable just to consider DRF and TEC. The health and biodiversity values of the vegetation as a whole should be a KPI.	A KPI to this effect has been added to the plan.	Yes	1d
228	1	Native animals and Habitats KPIs with respect to the full suite of native birds and animals should be included (along the same lines as strategy 1 for migratory waders).	As above.	Yes	1d
229	1	Environmental Weeds We support the strategies listed in Table 1 for minimising the impact of environmental weeds.	Supports the DMP.	No	2a
230	2	We believe that the level of encroachment of <i>Typha orientalis</i> should be at the 1995 level (not 2000).	The KPI has been amended to a reduction of <i>Typha</i> by one third every three years over the next 10 years. A strategy is included in the plan to remove sedges and rushes on mudflats,	No	2e

Comment No.	No. of Submissions	SUMMARY OF COMMENT	DISCUSSION / ACTION TAKEN	PLAN AMENDED	CRITERIA
231	1	Access We support the objectives and strategies listed in Table 1 for Access and Visitor Use.	where appropriate, to maintain wader habitat. Supports the DMP.	No	2a
232	1	Fire We support strategies 1 to 5.	Supports the DMP.	No	2a
233	2	We do not support strategy 6 – prescribed burning in an urban setting. If fuel load is too high around properties, vegetation should be slashed and removed. This should not entail any ground disturbing activity.	Prescribed burning is a tool that when used appropriately, can help protect biodiversity by minimising the impact of wildfire. It would only be undertaken with extensive consultation and appropriate planning.	No	2e
234	1	The KPI should also include – no deterioration in biodiversity values over the term of the plan with a 5 yearly assessment and review of biodiversity values.	A KPI to this effect has been included in the Native Plants and Plant Communities section of the final plan.	Yes	1d

APPENDIX 1.

Submitters to the Draft Management Plan

Individuals

Ms A. Sullivan
Mr S. and Mrs M. Telford
L. Roney
Ms K. Kazimierczak
Ms I. Kitching
Mr P. Wilmot
Dr I. Colquhoun

Community Organisations

Wetlands Conservation Society
Waterbird Conservation Group
Recreational Fishing Advisory Committee WA
Friends of Forrestdale
Wildflower Society of Western Australia

Local Government

City of Armadale

State Government

Department of Conservation and Land Management (x 3)
Department of Environment (formally Water and Rivers Commission)
Department of Sport and Recreation
Department of Indigenous Affairs
Water Corporation

Commonwealth Government

Department of Environment and Heritage

Other groups

The Combined Swan River and Swan Coastal Plains Native Title Claimant Group