

# **Beeliar Regional Park**

## **ANALYSIS OF PUBLIC SUBMISSIONS**

**TO THE DRAFT MANAGEMENT PLAN**

Department of Conservation and Land Management,  
City of Melville, City of Cockburn, Town of Kwinana, Murdoch University  
and the  
Conservation Commission of Western Australia  
2006

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WESTERN AUSTRALIA

## INTRODUCTION

This document is an analysis of public submissions to the draft management plan for Beeliar Regional Park 2001-2011. Comments have been detailed to the section of the draft management plan to which they refer.

The Beeliar Regional Park Draft Management Plan was released for public comment on 14 November 2001 until 14 February 2002. A total of 27 public submissions were received. All submissions have been summarised and changes have been made to the plan where appropriate.

Following the release of the plan, advertisements were placed in local and statewide newspapers 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 numerous individuals who expressed interest during the preparation of the draft. Copies of the plan were available for perusal at the Department of Conservation and Land Management and local government offices. The plan was available for purchase from several Department of Conservation and Land Management offices within the metropolitan area of Perth.

## ANALYSIS OF PUBLIC SUBMISSIONS

### Method of Analysis

The public submissions to the Beeliar Regional Park Draft Management Plan were analysed according to the process depicted in the flow chart on page v. More specifically -

All comments were collated according to the section of the draft plan they addressed.

Each comment was assessed using the following criteria:

1. The draft management plan **was amended** if the submission:
  - (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 submission:
  - (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) made points which were already in the plan, or had been considered during plan preparation;
  - (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 based on incorrect information or information that was unable to be validated;
  - (h) involved details that are not appropriate or necessary 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.

Comments made in 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 which would give cause to elevate the importance of any submission above another.

### **Number and Origin of Submissions**

The number and place of origin of submissions are listed below.

|                          | Number    | Percentage  |
|--------------------------|-----------|-------------|
| Individuals              | 10        | 40%         |
| Community Organisations  | 4         | 12%         |
| Educational Institutions | 1         | 4%          |
| Government               | 12        | 44%         |
| <b>TOTAL</b>             | <b>27</b> | <b>100%</b> |

A list of the submitters to the Beeliar Regional Park Draft Management Plan is given in Appendix I.

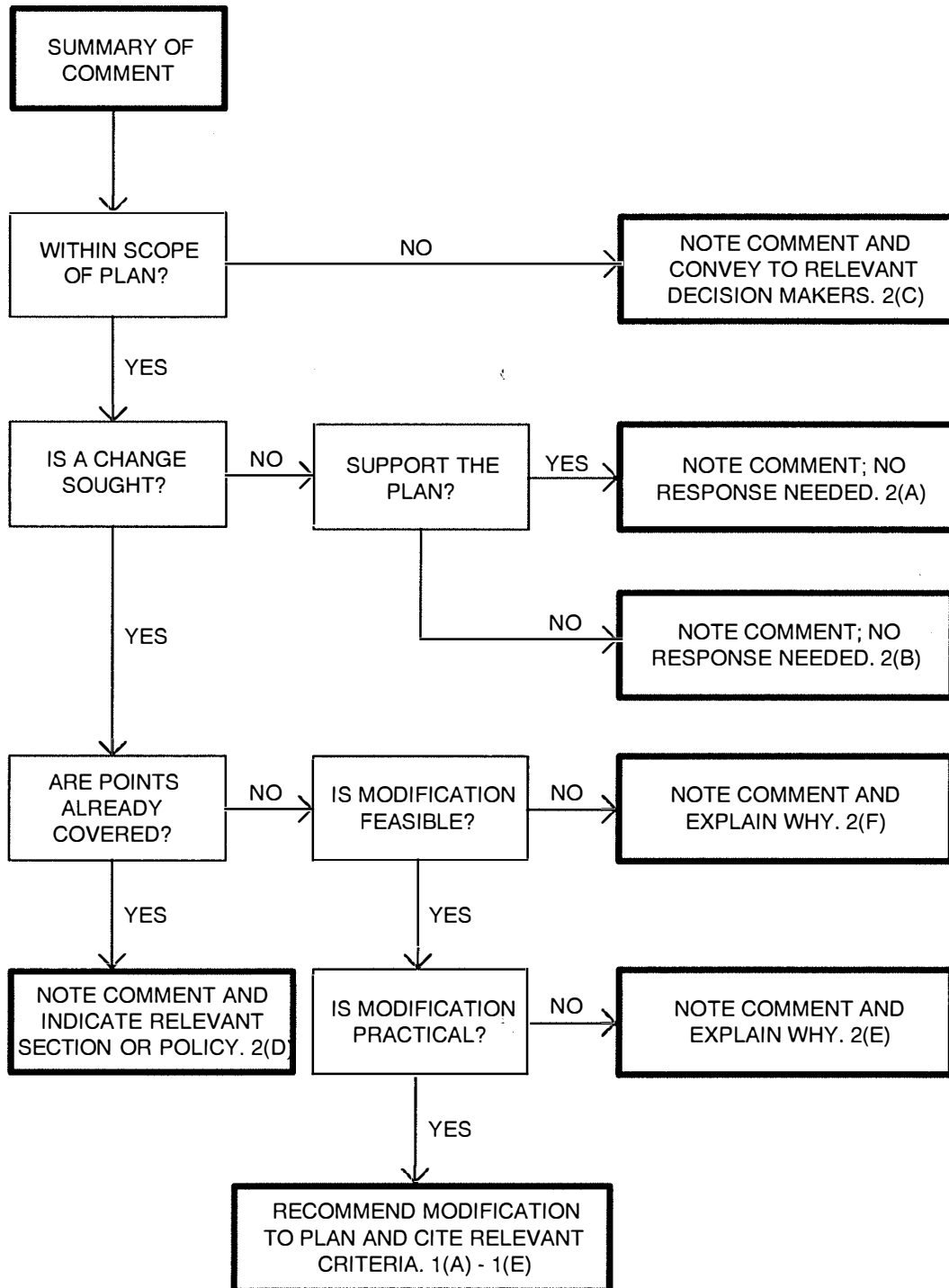
### **ANALYSIS TABLE**

The analysis table contains:

- The number of different comments made about each section of the draft plan;
- The number of submissions making each comment;
- A summary of each comment made on the draft plan;
- An indication whether or not the comment resulted in an amendment to the final plan;
- A discussion on why the comment did not result in an amendment to the final plan, or an indication of what action was taken in the final plan; and
- The criteria by which each comment was assessed.

## ANALYSIS PROCESS

## ANALYSIS PROCESS



## TABLE OF PUBLIC SUBMISSIONS

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT  | DISCUSSION / ACTION TAKEN   | PLAN AMENDED | CRITERIA |
|----------------|-------------|---|---|--------------|----------|
|                |             | <b>General Comments</b>   |   |              |          |
| 1              | 1           | The Draft Management Plan 2001 – 2011 is a comprehensive, useful document which is a positive step towards the conservation and better management of the park.  | Supports the plan.  | No           | 2A       |
| 2              | 1           | I wish to express my support and appreciation for the detailed work that obviously went the report, and my support for the vast majority of its proposals.  | Supports the plan.  | No           | 2A       |
| 3              | 1           | The document is very well presented.  | Supports the plan.  | No           | 2A       |
| 4              | 1           | Overall, I am pleased with the document and the thought that has gone into it, however, I believe there are some specific items which need further consideration.   | Neutral statement.  | No           | 2B       |
| 5              | 1           | Overall I found the document to be quite good in its context, although there are several points I would like to see amended or added. Overall the plan is concise and informative, it shows what is required to happen in the park and hopefully it will be successful in its strategies.   | Supports the plan.  | No           | 2A       |
| 6              | 1           | The Western Australian Tourism Commission (WATC) has no objections to any of the material it contains in relation to tourism and recreation.  | Neutral statement.  | No           | 2B       |
| 7              | 1           | Staff of the Water and Rivers Commission consider that the water resource management issues are properly addressed.   | Supports the plan.  | No           | 2A       |
| 8              | 1           | We would like to know why there were not detailed plans done on recreation, education and redevelopment as we felt it was difficult to comment without these plans.   | These detailed plans are beyond the scope of this management plan. More detailed planning will be undertaken in the future in accordance with the final management plan and in consultation with the community. | No           | 2C       |
| 9              | 1           | The Water Corporation treats its environmental responsibilities very seriously and seeks to implement its infrastructure plans and operate its assets so that there is no effect on the environment. It is important that the exact responsibilities of the Water Corporation are presented on the plan and that our environmental performance is reported in context and accurately. | Noted.  | No           | 2B       |
| 10             | 1           | Responsibilities and priority (as in the Strategies for each section) – [These] should be indented to the heading, not to the 2nd dot point. Similar errors occur throughout the Draft Management Plan.   | Plan amended.   | Yes          | 1E       |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT  | DISCUSSION / ACTION TAKEN | PLAN AMENDED | CRITERIA |
|----------------|-------------|---|---------------------------|--------------|----------|
| 11             | 1           | A number of government agencies that are referred to in the plan have undergone a name change since the draft was published. The Water and Rivers Commission and Department of Environmental Protection will soon collectively be known as the Department of Environment, Water and Catchment Protection. The Ministry for Planning is now known as the Department of Planning and Infrastructure. The Health Department of WVA is now known as the Department of Health.   | Plan amended.             | Yes          | 1E       |
| 12             | 1           | The Wetlands Conservation Society Inc. is supportive of most of the recommendations in the Plan and the implementation plan in Table 3.   | Supports the Plan.        | No           | 2B       |
| 13             | 1           | <p>It may be beneficial to include the findings of other current plans. Most relevant are the outcomes of the Western Australian Planning Commission's State Planning Strategy, and Fremantle-Rockingham Industrial Area Regional Strategy, inclusion of which are necessary to provide a balanced perspective of current and planned uses for the study area and surrounds.</p> <p>Pertinent outcomes of the Fremantle-Rockingham Industrial Area Regional Strategy include (FRIARS):</p> <ul style="list-style-type: none"> <li>Rowley Road extension to the coast south of Mount Brown (through conservation and protection area);</li> <li>land zoned for industry south of Mount Brown, east of Rockingham Road adjoining Jervoise Bay;</li> <li>off-shore port expansion area to accommodate future port facilities, adjoining the Mount Brown/Rowley Road extension;</li> <li>existing freight rail and regional road networks.</li> </ul> <p>The outcomes of (FRIARS) are supported by the State Planning Strategy, which in part details:</p> <ul style="list-style-type: none"> <li>recognition of the Outer Harbour (Kwinana) as a key port facility;</li> <li>the need to strategically plan for future port facilities;</li> <li>ensuring land is appropriately zoned/ reserved, and recognised in plans;</li> <li>protection of and planning for transport links to port facilities.</li> </ul> <p>It is noted that the Draft Beeliar Regional Park Management Plan does not detail the existing industry jetties south of Jervoise Bay.</p> <p><b>A INTRODUCTION</b></p> <p><b>1 - Purpose and Status of the Management Plan</b></p> <p><i>No Comments</i></p> | Noted                     | No           | 2C       |



| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN   | PLAN AMENDED                       | CRITERIA                         |
|----------------|-------------|--|---|------------------------------------|----------------------------------|
|                |             | <b>2 - Regional Parks</b><br><br><i>No Comments</i><br><br><b>3 - Beeliar Regional Park</b><br><br>1        1        Are the areas with old studies, or the areas without studies, going to have new studies carried out to bring them into line with this management plan?<br><br>2        1        It may be appropriate to mention that Local Government and Department of Conservation and Land Management have funded the management plans that have previously been prepared for park areas.<br><br>3        1        Overview, para 2, sentence 1 (p2) – The Park comprises of (add coastal landforms).<br><br>4        1        Park Values, Cultural Values, para 3 (p3) – there is a statement attributed to Drake and Kennealy 1995 that claims evidence has been found that an Aboriginal camp/food source was used for at least 38,000 years. Such a date has been recorded for a site at Upper Swan Bridge (Barbetti & Pearce 1980) but I know of no research for Booragoon Lake that claims such evidence for that locality.<br><br><b>4 - The Management Plan and Community Involvement</b><br><br><i>No Comments</i><br><br><b>B        PRINCIPAL MANAGEMENT DIRECTIONS</b><br><br><b>5 - The Vision for the Park</b><br><br>1        1        Goals, Commercial (p5) – change “minimise impacts” to “without impacting”. There is really no acceptable commercial proposition which impacts upon the park values.<br><br>2        1        Goals, Research and Monitoring (p5) – add in “impacts of external influences” (e.g. groundwater pollution from neighbouring land uses). | A range of subsidiary plans is proposed in the Plan to provide additional management direction. Local area management plans will also be updated for discrete park areas as required, e.g. Thomsons Lake Nature Reserve.<br><br>Noted.<br><br>Plan amended.<br><br>Plan amended. Reference removed. | No<br><br>No<br><br>Yes<br><br>Yes | 2D<br><br>2H<br><br>1E<br><br>1A |
|                |             | 1        1        Goals, Commercial (p5) – change “minimise impacts” to “without impacting”. There is really no acceptable commercial proposition which impacts upon the park values.<br><br>2        1        Goals, Research and Monitoring (p5) – add in “impacts of external influences” (e.g. groundwater pollution from neighbouring land uses).   | The Goals have been removed from the Plan and replaced with Guiding Principles at the beginning of major sections.<br><br>The Goals have been removed from the Plan and replaced with Guiding Principles at the beginning of major sections.  | No<br><br>No                       | 2H<br><br>2H                     |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN  | PLAN AMENDED | CRITERIA |
|----------------|-------------|--|--|--------------|----------|
|                |             | <b>6 - Policies</b>  |  |              |          |
| 1              | 1           | The <i>State Wetlands Conservation Policy 1997</i> needs to be included.   | Noted.   | No           | 1C       |
|                |             | <b>7 - Park Boundary, Land Tenure and Statutory Planning</b>   |  |              |          |
| 1              | 1           | I fully support the addition of those areas listed in page 6, eg. Wattlup Lake, Long Swamp and the Bollard Bulrush Swamp into the Park.  | Noted. Should the areas be ceded to the Crown or reserved for Parks and Recreation in the MRS and acquired by the WAPC, they will be included in the Park.   | No           | 2D       |
| 2              | 1           | The additional areas should have better interim plans for their protection until they have been acquired by the WAPC for addition into the park.   | Noted, however the areas are still in private ownership and this may not be possible.  | No           | 2F       |
| 3              | 1           | It is not clear from the management plan how the southern boundary of the conservation and protection area for the Mt Brown area has been determined. The boundary seems to impact on the existing Alcoa infrastructure. Sheet 64 from <i>Bush Forever Volume 1</i> (WA Planning Commission, 2000) indicates a different boundary (note: see enclosed a copy of sheet 64). | The boundary to the south of Mt Brown now reflects the Parks and Recreation reservation in the MRS.  | Yes          | 1C       |
| 4              | 1           | In the Additions section the reference to the Amcor site should be the whole site, not just the buffer zone. The buffer zone is only a trade off, and is very degraded which means community groups will spend far too much time rehabilitating this area to meet the company's vision.  | The Minister for the Environment has determined that a buffer of 22ha is to be included into the Park.   | No           | 2F       |
| 5              | 1           | Another wetland which should be included is Bush Plan site 458 – Tea Tree Close.   | The area was not included in the Park in <i>Beeliar Regional Park Proposals for the Establishment Administration and Use 1992</i> document, is not reserved for Parks and Recreation in the MRS and does not adjoin existing park areas. | No           | 2F       |
| 6              | 1           | The Park boundaries should not be permanently fixed but it should increase in size, and not be subjected to any future planning considerations that reduce it.   | Regional park areas are generally reserved for Parks and Recreation in the MRS. Amendments to the MRS that affect Beeliar Regional Park can either increase or decrease its land area.   | No           | 2F       |
| 7              | 1           | Should it also be investigated that Bush Forever sites in this region be included, [in the Park] this would then place all vegetation remnants under one controlling body?   | Noted. Bush Forever (2000) provides direction for future land use decisions affecting Bush Forever sites.  | No           | 2D       |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT  | DISCUSSION / ACTION TAKEN  | PLAN AMENDED | CRITERIA |
|----------------|-------------|---|--|--------------|----------|
| 8              | 1           | The City of Cockburn would like pest factors, such as midges, to be considered when assessing buffers for conservation areas.   | Noted.   | No           | 2C       |
| 9              | 1           | Consider adding the Leda Reserve, Lake Wattleup, Long Swamp, Bollard Bulrush Swamp, Sandy Lake, Hospital Swamp and Police Station Swamp. These are all important wetland areas within the Beeliar Region and should be protect to maintain wildlife habitat.  | Noted. Leda Reserve, Sandy Lake, Hospital Swamp and Police Station Swamp were not included in the Park in <i>Beeliar Regional Park Proposals for the Establishment Administration and Use 1992</i> document and some of their links to the Park are tenuous. As such they are not considered for inclusion in the Park.<br><br>Lake Wattleup, Long Swamp and Bollard Bulrush Swamp were identified as landscape protection areas in the <i>Beeliar Regional Park Proposals for the Establishment Administration and Use 1992</i> document. Should they be ceded to the Crown or reserved for Parks and Recreation in the MRS and acquired by the WAPC they will be included in the Park. | No           | 2D       |
| 10             | 1           | The Corporation has tenure over a number of lot parcels within the proposed Beeliar Regional Park. (note: see attachment provided by Water Corp). It is the Corporation's preference that these lot parcels are not included into the Park area. If this should be unavoidable then either the zoning should reflect the current use (eg. public purposes) or there may be opportunity for some land parcels to be sold if no longer required by the Corporation. Along with these there are a number of leases and easements in each of the proposed park areas that are to remain in the current form and use. If any infrastructure, whether pipeline or channel, exists that is unprotected and inadvertently omitted from this advice, then this land matter should be normalised by providing the necessary protection. | Given their small size, it is not practical to remove the Water Corporations landholdings from the Park. Additionally, it is not intended to change the tenure of service and utility reserves, leases or easements in the Park.   | No           | 2D       |
| 11             | 1           | There is a reference to the transfer of vesting of particular reserves from the City of Cockburn to the Conservation Commission of WA. According to Departmental land information, the Reserves 39455 and 37426 do not exist. It is suggested that the Department of Conservation and Land Management verify these reserve numbers with the Department of Land Administration.  | The reserve numbers are correct.   | No           | 2G       |
| 12             | 1           | Piney Lakes is now vested in the City of Melville.  | Plan amended.  | Yes          | 1C       |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN   | PLAN AMENDED | CRITERIA |
|----------------|-------------|--|---|--------------|----------|
| 13             | 1           | The 'red' colour just south of Beeliar Drive only covers the Alessandrini family land on Location 677 (now Lot 144). The 'red' colour should extend further south into the yellow portion, which is incorrectly labelled "WAPC". In fact, Ipsaro Farms Pty Ltd owns a strip between the Emmanuel College and a WAPC portion. The land owned by Ipsaro Farming is known as Lot 500 and comprises four hectares.   | Plan amended. The area (Lot 500) is to be added to the Park as it is reserved for Parks and Recreation in the MRS, adjoins an existing Park area and is owned by the WAPC.  | Yes          | 1A       |
| 14             | 1           | The boundary of Kogolup Lake (as shown in Figure 3) is incorrect. With the implementation of the South Jandakot Drainage Management Scheme, the high water mark for Kogolup Lake does not extend where shown on the draft map. Unfortunately, Waters and Rivers Commission have not dated their maps to reflect the current management system and recent high water levels. The high water levels at the northern end only extend very slightly beyond the purple coloured unallocated Crown land section. | Noted. The existing data comes from official government sources.  | No           | 2F       |
| 15             | 1           | All land within the boundaries of the Beeliar Regional Park should be acquired by the WAPC and vested with the Conservation Commission as soon as possible for its long term security.   | The WAPC will seek to acquire the remainder of private land in the Park from willing owners. The land will be vested with the most appropriate land management agency in accordance with the final management plan. | No           | 2D       |
| 16             | 1           | Roe Swamp should then be incorporated into the Beeliar Park and within its protection.   | The area was not included in the Park in <i>Beeliar Regional Park Proposals for the Establishment Administration and Use 1992</i> document and is not reserved for Parks and Recreation in the MRS.                 | No           | 2F       |
| 17             | 1           | Agree with reserving the area south of Mt Brown as Parks and Recreation.   | Noted. However, the southern boundary of Mount Brown will be consistent with the Parks and Recreation reservation in the MRS.   | No           | 2A       |
|                |             | <b>8 - Legislative Amendments and Interim Management</b><br><br><i>No Comments</i>   |   |              |          |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN   | PLAN AMENDED | CRITERIA |
|----------------|-------------|--|---|--------------|----------|
|                |             | <b>9 - Management Zones</b>  |   |              |          |
| 1              | 1           | [On Figure 4 (p11)] Area 21 is designated recreation. This area includes some good bushland and is adjacent to an area of preferred use by water birds on Yangebup Lake. Area 22 is barren and is adjacent to an area of Kogolup Lake not preferred by wetland birds, this may be a better position for recreation. A thoroughly better location would be the old cement works on Parkes Street near to Little Rush Lake. This location is in need of rehabilitation and has a decent buffer area between it and the Lake. I suggest that the location at Yangebup Lake in the draft is not acceptable for recreation purposes and should be left as natural environment uses. | The City of Cockburn commissioned a feasibility study for a Sensory Park in this location. Since then the Council has resolved not to proceed with the project.<br><br>A disabled access playground has been installed at Manning Park. The area has been amended to Natural Environment Uses.  | Yes          | IC       |
| 2              | 1           | Figure 4 – Proposed Management Zones and Areas. Mention is made in Section 27 (p40) of the establishment of a sensory park at Yangebup Lake. Funds for the development of a sensory park are to go to Council for approval in March 2002. As such, there may be a need to alter the proposed management zones shown in figure 4 relevant to the siting of the sensory park.  | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.   | Yes          | IC       |
| 3              | 1           | Area 23 is marked down for Conservation Park. However, the land portion directly behind Emmanuel College (Lot 500 – 4 hectares) is relatively barren and as it has potential access via Kemp road to the south, or other access arrangement, I suggest that its reserve purpose category be changed to 'recreation'. It should be borne in mind that the high water mark is still a considerable distance to the west of Lot 500, and there should not be any undue disruption of water birds etc by using Lot 500 for recreation.   | Conservation Parks are reserves established to meet as much of the demand for recreation by members of the public as is consistent with the proper maintenance and restoration of the natural environment, the protection of indigenous flora and fauna and the preservation of any feature of archaeological, historic or scientific interest. | No           | 2D       |
| 4              | 1           | We believe that area 27 should be incorporated into the Banganup Lake Reserve and designated for conservation and protection.  | Area 27 is amended to Conservation and Protection.  | Yes          | ID       |
| 5              | 1           | Also, areas 10 and 23 should be conserved and protected because of their importance as wildlife habitats.  | Area 10 – additional upland and wetland areas have been amended to Conservation and Protection.<br><br>Area 23 – all of the area is amended to Conservation and Protection.   | Yes          | ID       |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN  | PLAN AMENDED | CRITERIA |
|----------------|-------------|--|--|--------------|----------|
|                |             | <b>10 - Integrated Management of the Park</b>  |  |              |          |
| 1              | 1           | Rather than Department of Conservation and Land Management taking the responsibility for overall management and establishing joint working parties where appropriate, we suggest a structure of a Board, comprising managing agencies, followed by special (expert) working groups to develop strategies, visions etc. [note: suggested structure detailed in table provided].   | The management system for regional parks has<br><br>n outlined by State Cabinet. CALM is responsible for coordinating the management of regional parks through the preparation of management plans.                      | No           | 2F       |
| 2              | 1           | Park Management Structure – Mention is made of establishing joint working parties to facilitate the preparation of subsidiary plans for the park. It may be more appropriate to develop a management body consisting of representatives from all agencies to facilitate the preparation of subsequent plans.   | Noted. Joint working parties where representatives from appropriate agencies are involved on a project-by-project basis is considered more efficient.  | No           | ID       |
| 3              | 1           | Is there going to be community involvement within these strategies?  | Plan amended. Paragraph four to specifically state " in consultation with the community".  | Yes          | IC       |
|                |             | <b>11 - Key Performance Indicators</b>   |  |              |          |
| 1              | 1           | In spite of the rhetoric regarding the inclusion of cultural values, none of the key performance indicators (pp14 & 15, Table 2) makes reference to a measure of these values as an indicator of achieving a goal in relation to cultural values.  | Key Performance Indicators (KPIs) do not cover all objectives or strategies, but have been selected to provide a strategic indication of how well the key ecological and social values of the Park are being maintained. | No           | 2D       |
| 2              | 1           | The key performance indicator that I believe is missing is the flora indicator. This ties into the fauna diversity and into weeds and rehabilitation. It is needed to know what species are present, as well as bushland condition.<br><u>(Ideas) Key Value</u><br>The park is an area which acts as the conservation of local flora species biodiversity.<br><u>Key objectives</u><br>To maintain viable populations<br>Species biodiversity<br>Key Management Targets<br>To increase flora populations of indigenous of local species within the area of the park. | Plan amended. A KPI on flora and vegetation has been added to the Plan.  | Yes          | IC       |
| 3              | 1           | Suggest addition of "increase in greenlinks" as a key performance indicator to deal with the fragmented nature of the park.  | Noted. Greenlinks are addressed in Section 24.   | No           | 2D       |

| COMMENT NUMBER  | NO. OF SUBS  | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN  | PLAN AMENDED              | CRITERIA |                        |                           |   |  |   |   |      |  |  |  |
|---|--|--|--|---------------------------|----------|------------------------|---------------------------|---|--|---|---|------|--|--|--|
| 4   | 1  | There are no suggested key performance indicators for Wetland or Lake Health. This is unacceptable for a regional park based around wetlands. I suggest that if the health of the wetlands is diminished then use by humans will also diminish. The previous draft included a target for "no decline in the current diversity of invertebrates". This should be placed back in the document along with a similar target for no significant decline (say greater than 15%.) in water quality. A similar quantification of change could be used for the invertebrates so that natural fluctuations do not reduce target compliance   | A KPI in relation to the lakes and wetlands in the Park (changes in abundance, species diversity and structure of naturally occurring aquatic macro-invertebrate populations) has been included in the Plan. Water quality indicators should be considered as part of catchment management plans for the wetlands. | Yes                       | IC       |                        |                           |   |  |   |   |      |  |  |  |
| 5   | 1  | The Summary of Key Performance Indicators needs to be expanded to include wetland management, i.e. water quality. The Bibra Lake and Yangebup Lake Water Quality Studies demonstrate that there is a need for a catchment approach to the wetlands. The Beeliar Regional Park Management Plan should incorporate catchment management and foster communication between state and local government and the community to achieve desired results.  | The Beeliar Regional Park Draft Management Plan does promote catchment management, this however will be more prominent in the final plan.  | Yes                       | IE       |                        |                           |   |  |   |   |      |  |  |  |
| 6   | 1  | It is suggested that Table 2 – Summary of Key Performance Indicators be expanded to include water quality as a key value with the objective being to maintain a diverse aquatic system to support park fauna. The key performance indicator would be the continued improvement in water quality and invertebrate diversity. The management target being to increase the diversity of aquatic invertebrates. See suggested addition to table below.   | A KPI in relation to the lakes and wetlands in the Park (changes in abundance, species diversity and structure of naturally occurring aquatic macro-invertebrate populations) has been included in the Plan. Water quality indicators should be considered as part of catchment management plans for the wetlands. | Yes                       | IC       |                        |                           |   |  |   |   |      |  |  |  |
|   |  | <table><tr><th>Key Values</th><th>Key Objectives</th><th>KPI</th><th>Key Management Targets</th><th>Key Management Strategies</th></tr><tr><td>The Parks act as an important fauna reserve, bird breeding ground for local birds and a summer refuge for a diverse bird population</td><td>To maintain viable populations and the current diversity of indigenous fauna species in the park</td><td>Fauna populations<br/>Species diversity<br/>Water quality<br/>Aquatic invertebrate diversity</td><td>Maintain the current populations of selected indigenous fauna species in the Park.<br/>Increase the species diversity and relevant populations of aquatic invertebrates.</td><td>16.1</td></tr></table> | Key Values   | Key Objectives            | KPI      | Key Management Targets | Key Management Strategies | The Parks act as an important fauna reserve, bird breeding ground for local birds and a summer refuge for a diverse bird population | To maintain viable populations and the current diversity of indigenous fauna species in the park | Fauna populations<br>Species diversity<br>Water quality<br>Aquatic invertebrate diversity | Maintain the current populations of selected indigenous fauna species in the Park.<br>Increase the species diversity and relevant populations of aquatic invertebrates. | 16.1 |  |  |  |
| Key Values  | Key Objectives   | KPI  | Key Management Targets   | Key Management Strategies |          |                        |                           |   |  |   |   |      |  |  |  |
| The Parks act as an important fauna reserve, bird breeding ground for local birds and a summer refuge for a diverse bird population | To maintain viable populations and the current diversity of indigenous fauna species in the park | Fauna populations<br>Species diversity<br>Water quality<br>Aquatic invertebrate diversity  | Maintain the current populations of selected indigenous fauna species in the Park.<br>Increase the species diversity and relevant populations of aquatic invertebrates.  | 16.1                      |          |                        |                           |   |  |   |   |      |  |  |  |

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|                |             | <b>C CONSERVATION</b>  |   |              |          |
|                |             | <b>12 - Principal Conservation Directions</b>  |   |              |          |
|                |             | <i>No Comments</i>   |   |              |          |
|                |             | <b>13 - Geomorphology, Soils and Landform</b>  |   |              |          |
| 1              | 1           | There is a reference on page 17 to mining being a threat to the park's landform and not being a suitable land-use activity with a presumption against any mining in the Park. On page 51 there is a reference to application for extraction of basic raw materials and mining being processed in accord with current Onshore Minerals Memorandum of Understanding (MOU) between the former Department of Minerals and Energy (now Department of Mineral and Petroleum Resources) and the Environmental Protection Authority (April 1995) and the proposed Regional Park Protocol between DME, Department of Conservation and Land Management and the Department of Planning and Infrastructure. These two references appear to be contradictory. The mining reference on page 17 should be amended to note that while it is considered that mining and extraction of basic raw materials may pose a threat to the landform of the Park, any applications for mining or extraction of basic raw materials will be processed in accord with the Regional Parks Protocol, Onshore Materials MOU and the Western Australian Planning Commission's Statement of Planning Policy No. 10 (July 1999). | Noted. The Conservation Commission has advised that mining and the extraction of basic raw material are not acceptable land uses within the Park. | No           | 2F       |
| 2              | 1           | There is no clear indication as to what role the City of Cockburn would play in limiting pedestrian access to the limestone cliffs at Henderson Foreshore (M91 Coastal Reserve). This is a Department of Conservation and Land Management reserve and the Cockburn role should be either clarified or the City of Cockburn abbreviation removed from this strategy.  | Plan amended.   | Yes          | 1E       |
| 3              | 1           | The Henderson Cliffs are unique and under threat from industry. They require utmost protection.  | Supports the Plan   | No           | 2A       |
|                |             | <b>14 - The Lakes and Wetlands</b>   |   |              |          |
| 1              | 1           | A paragraph should be added to this section to mention that the proposed "Jandakot Water Resources Management Strategy" will be produced by the Water and Rivers Commission in 2002. This Strategy will set drainage guidelines for future development around this area including the proposed operating regime for the Spectacles wetland.  | Plan amended.   | Yes          | 1A       |
| 2              | 1           | Para 1 should mention that the Water Corporation also monitors water quality in Market Garden Swamps Nos. 1 and 2.   | Plan amended.   | Yes          | 1E       |



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| 3              | 1           | Currently the fringing vegetation, particularly the freshwater paperbarks, surrounding Market Garden Swamp seem to be suffering some form of stress. It is thought that this is due to increased water levels and the reduction in the period of time that the wetland is dry. The City of Cockburn is keen to see the water regime returned to the natural fluctuation pattern of drying out during the summer period. This will help to maintain water quality and flora and fauna diversity within the swamp. This has been addressed to a certain extent in Section 16, Strategy 3 (p25) but it is suggested that the following strategy or similar be added to the existing strategies on page 20 – "Support investigation and works into improving the water quality of the Beeliar wetlands. (CC, CM, TK, Department of Conservation and Land Management." | Already addressed in plan. | No           | 2D       |
| 4              | 1           | Threats to Wetlands – What about loss of riparian vegetation and the follow-on effect of reduced capacity to filter nutrients?  | Plan amended.              | Yes          | 1A       |
| 5              | 1           | Section 14, Wetland System, Water Level Changes, para 2, sentence 2 reword to, "The main factors involved are the variations in water table (caused by seasonal and long-term fluctuations in rainfall), inputs from developing urban areas..."   | Plan amended.              | Yes          | 1A       |
| 6              | 1           | Section 14, Wetland System, Water Level Changes, para 3, last sentence reword to, "A lack or reduction in important drying cycles may also affect the wetland's ability to assimilate nutrients. Conversely, extended periods of low water levels and excessive drying of the wetland may allow the encroachment of weeds into the wetland bed and may affect water quality through concentration of salts or by acidification of the wetland, as has occurred in some wetlands on the Gngara Mound. This, in turn, has an adverse effect on the wetland fauna."  | Plan amended.              | Yes          | 1A       |
| 7              | 1           | Wetland System, Water Level Changes, para 4 (p19) – The Southern Lakes Drainage Scheme is completed and operating. The plan should refer to the scheme in the present tense, hence "The scheme <i>will divert</i> drainage water..." becomes "The scheme <i>diverts</i> drainage water..."  | Plan amended.              | Yes          | 1E       |

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| 8              | 1           | Section 14, Monitoring the Wetland Ecosystem, para 1, sentence 1: Disagree with the sentence, "There is currently no comprehensive or consistent monitoring program for water levels or water quality of the wetlands of Beeliar Regional Park." Whilst it is agreed that there is incomplete coverage of all of the wetlands within the park, water level, water quality, wetland vegetation, waterbird and macro invertebrate monitoring is carried out consistently and comprehensively for significant wetlands within the park and a change to this sentence is suggested as follows: "While regular monitoring of wetland water levels, water chemistry, flora and fauna does occur at some wetlands within the park and its surrounds, existing monitoring programs span a number of state and local government agencies and provide incomplete coverage of all wetlands within the park. There is currently no co-ordinated, comprehensive monitoring program for all wetlands within the Beeliar Regional Park."  | Plan amended.  | Yes          | IE       |
| 9              | 1           | Water level changes - Together with the Water Corporation, the Department of Environment, Water and Catchment Protection carries out regular (generally monthly) water level readings for the large majority of the lakes within the Park, plus many others on and around the Jandakot Mound. In addition, the Department carries out regular water level readings of dozens of monitoring bores in the region.  | Plan amended.  | Yes          | IA       |
| 10             | 1           | Monitoring the Wetland Ecosystem, Water Level Changes, between paras 1 and 2 insert: "As part of the Jandakot Groundwater Scheme Stage II, the Department of Environment has statutory conditions associated with wetland monitoring (physical and biological) placed upon it for several of the wetlands within the park, as well as others outside park boundaries. Minimum water level criteria have been set on Thomson's, Yangebup, Banganup, Forrestdale, South Kogalup, Bibra and North Lakes, with the aim of maintaining the historical water regime and protecting the wetland ecology. Within the Beeliar Regional park, the Department conducts annual vegetation monitoring at North, Bibra, North and South Kogolup, Thompson's and Banganup Lakes. Twice yearly macro invertebrate and water quality monitoring occurs at Thompson's, Yangebup, Banganup and North and South Kogalup Lakes, and annual waterbird monitoring occurs at Bibra, Yangebup, Thompson's, Kogalup and Forrestdale Lakes. The results of this monitoring, and in particular compliance with minimum water level criteria, are reported annually to the EPA. | Plan amended.  | Yes          | IA       |
| 11             | 1           | Monitoring the Wetland Ecosystem, Water Level Changes, para 2 (p20) – Actual minimum levels have not been set for Kogolup Lake and Yangebup Lake, although the Drainage Management Plan discusses the issue. As neither lake dries out the issue is of no concern.   | Plan amended in relation to the setting of minimum water levels at Kogolup and Yangebup Lakes. Kogolup Lake has dried out in recent years. | Yes          | IE       |
| 12             | 1           | Monitoring the Wetland Ecosystem, Water Level Changes, para 3 (p20) – "maxima water level..." should read "maximum water level".   | Plan amended   | Yes          | ID       |

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| 13             | 1           | Strategy 1, dot point 2 – gross pollution traps are unsuited to the Water Corporation main drains that enter the park (South Jandakot Branch Drain and Peel Main Drain). The head loss induced by a gross pollution trap is far too great for the devices to be installed on the main drains and their feed from tributary drains. If installed, they would increase the risk of flooding upstream, induce operational problems in pipelines and culverts and drown monitoring weirs.  | Plan amended. Strategy removed from the Plan as pollution response in WA is coordinated by Fire and Emergency Services Authority and Department of Environment.   | Yes          | ID       |
| 14             | 1           | A suggested addition to the strategies is "Ensure that proposed developments consider groundwater allocation limits that have been set in the relevant Groundwater Area and that appropriate buffers are maintained between groundwater extraction points and wetlands. (DEWCP, CM, CC, TK, WAPC) [Ongoing]".  | Plan amended.   | Yes          | IC       |
| 15             | 2           | Strategy 6 - I would suggest rewording this paragraph to something like "Support the City of Cockburn in seeking further action from the wool scourers in treatment of the lake without any detriment to the lake's health". (Pickering, R.; Sallur, RT.)  | Since the completion of the draft management plan the wool scourers has left the site.  | No           | 2D       |
| 16             | 1           | <p>The Department of Environment, Water and Catchment Protection (DEWCP) should be included, consulted and listed as an approving/clearing authority to all the strategies described in this section of the draft document.</p> <p>The key issues that DEWCP should address are:</p> <p>Stormwater Management – providing conditions on urban and industrial developments, the use of BMP's for road runoff from controlled access roads (highways), controlling runoff from car parks and camping areas</p> <p>Pollution Control – requesting the preparation of Drainage Nutrient Management Plans, reviewing stormwater drainage plans, approving monitoring of contaminated land fill areas, preventing seepage from existing wool scouring settling ponds, controlling groundwater levels, requesting emergency fuel spills management plans, controlling hazardous storage areas, etc.</p> <p>Salination – restricting and rejecting applications for land clearing</p> <p>Sporting Activities – requesting water balance management plans, limiting groundwater extraction for sporting activities (eg oval watering), etc</p> <p>Other Service Providers – reviewing infrastructure proposals that threaten ecological and cultural values (especially the large Water Corporation main drains).</p> | The agencies listed behind each strategy are responsible for their implementation; the agencies are not approving/clearing authorities. The Department of Environment will be included within the strategies where appropriate. | Yes          | IC       |
| 17             | 1           | This section supports volunteer groups involved with the park. This should be added into (15) Flora and Vegetation - Strategy 4  | Support of volunteer groups underpins all aspects of park management.   | No           | 2D       |

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|                |             | <b>15 - Flora and Vegetation</b>   |  |              |          |
| 1              | 1           | Para 2 mentions that limited sampling for Phytophthora has been undertaken in the Park. Bibra Lake should be included in the list [of areas sampled] as a survey for Phytophthora was completed in July 1999. The survey found no sign of dieback.   | Plan amended.  | Yes          | 1A       |
| 2              | 1           | The strategies do not appear to adequately cover monitoring vegetation, flora, etc in the Park. I believe we need a study to establish the variety and condition of flora to establish a starting point after which monitoring will occur. Some areas have obviously been unsurveyed and surveys should be a requirement under the plan.   | A floristic survey of the Park was completed by Keighery (1996) The assessment of bushland condition will be a component of the weed control and rehabilitation plan and is addressed in Section 19. | No           | 2D       |
| 3              | 1           | Add a strategy to survey areas not yet surveyed to determine if any significant flora exists.  | A floristic survey which identified the significant flora of the Park was completed by Keighery (1996) – refer to the reference list in the management plan.   | No           | 2D       |
|                |             | <b>16 - Fauna</b>  |  |              |          |
| 1              | 1           | Lake Yangebup is well known for the diversity of waterbirds and wading birds that it supports. Of particular conservation value is the southwest corner of the lake which is characterised by dense stands of Typha. The presence of this large patch is important in providing shelter as well as foraging and nesting opportunities for a range of species including ducks, Purple Swamphens, Eurasian Coots and Clamorous Reed Warblers. The southwest corner of the lake is also known to support large numbers of ducks at roost. Birds Australia WA Group is of the opinion that any development in this area of the lake should be minimised and set back as far from the shore of the lake as possible. This will minimise disturbance to the avifauna and ensure their long-term persistence at the lake. We would be concerned about any developments that causes excessive noise or light pollution in this area. | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.  | Yes          | 1C       |
| 2              | 1           | We would like to point out an omission in your avian fauna section on page 24. It is stated that two species of bird in the park, the Peregrine Falcon and Australasian Bittern are threatened species. Carnaby's Cockatoo is also an endangered species (Wildlife Conservation Act 1950) that is often present in the park in good numbers.   | Plan amended.  | Yes          | 1E       |

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| 3              | 1           | Between November and January each year when the Yangebup Lake water level reduces, a sand spit emerges behind the Wool scourers land towards the south-eastern side of Yangebup Lake. There is huge demand for a position on this sand spit from numerous water birds including waders, pelicans, rare ducks, etc. For the birds, it is a good spot to be aware of predators, provides a resting place and a quiet retreat away from human activity. I am a little concerned that the proposed sensory park on the south side of Yangebup Lake could be adverse to this bird-resting place. Further, the planned pathway around the eastern side of Yangebup Lake, if constructed too close to the sand spit, would frighten the birds. I hope Department of Conservation and Land Management and the City of Cockburn will take this into account in future planning. The heavy proliferation of birds on the sand spit suggest that a small number of artificial sand islands within the lake would be useful to the birds. | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.<br><br>Detailed planning for pathways in the Park will seek to minimise impacts on fauna habitat.   | Yes          | IC       |
| 4              | 1           | There are a small number of wallabies surviving in the bushland on the western side of Kogolup Lake. The numbers of these wallabies appears to have stayed low because of the small area of remaining bushland and intrusion by aggressive local foxes and dogs. The allocation of conservation values and recreational land uses including horse riding in the western bushland section of Kogolup Lake should take into account the presence and needs of these wallabies.  | Plan amended to prohibit horse riding at Kogolup Lake.  | Yes          | ID       |
| 5              | 1           | [Regarding strategy 2], the City of Cockburn has undertaken similar investigations in regards to mowing and has developed a turf management plan for a number of areas of the Park. Cockburn has also carried out and is continuing surveys in regards to bandicoot habitat and has identified areas that should not be mowed until more natural habitat is established.  | Supports the Plan.  | No           | 2A       |
| 6              | 1           | Strategy 3 (p25) – “Ensure the management of water levels and water quality in the park takes into consideration waterbird and other habitats.” The Water Corporation is <u>not</u> responsible for setting water levels. The responsibility is with the Department of Environment, Water and Catchment Protection (DEWCP) and the Drainage Management Plan tasks this duty to the Technical Review Committee.  | While the Water Corporation is not involved in setting water levels, it does play an important in manipulating its drainage infrastructure to allow water supplementation at Thomsons Lake and has set maximum water levels for a number of wetlands in the Park. | No           | IF       |
| 7              | 2           | Strategy eight includes feral animal control, but I believe that one of the strategies should refer to native animal control – too many kangaroos have already established in Thompson's Lake to the detriment of other species, particularly diversity of bushland flora. Provision for culling or relocation of excess animal numbers so as to achieve a responsible whole of environment management approach to management should be written into the plan now.  | Plan amended. The control of feral and other problem animals (including native animals) is discussed in the section Pets and Problem Animals.   | Yes          | ID       |
| 8              | 1           | Agree with discouraging artificial feeding of birds. Signage and education material to highlight the negative effects of this practice is needed.   | Supports the Plan.  | No           | 2A       |

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|                |             | <b>17 - Weeds</b>   |  |              |          |
| 1              | 1           | Para 5, last sentence (p26) – "At present there are no declared weed species present in the park." This statement is not true as several declared weed species including Arum Lily ( <i>Zantedeschia aethiopica</i> ) are present in the park.  | Plan amended.  | Yes          | 1E       |
| 2              | 1           | Final paragraph, (27) – Add the following to the existing dot points concerning members of the community wanting to be involved in weed control programs, "Contact the relevant managing agency for details on weed control programs".  | Noted.   | No           | 2H       |
| 3              | 1           | Strategy 1 (p27) – Suggest change to wording of strategy to read, "Prepare and implement a weed management plan in conjunction with other managing agencies in accordance... etc. ". Alternatively, an additional strategy that reads, "Liaise with local government authorities regarding existing weed control programs to ensure effective co-ordination between managing agencies."                         | Plan amended. The acronyms of the relevant managing agencies have been added to the strategy.  | Yes          | 1E       |
| 4              | 1           | Strategy 2 (p27) – "Consult with the Water Corporation and the relevant local governments to control weed infestations in drains that flow..." should read either "Consult with... with Responsibility: Department of Conservation and Land Management." or "Water Corporation and the relevant local governments to control weed infestations in drains that flow... with Responsibilities: CM, CC, TK, CALM." | Plan amended. First option included in the Plan.   | Yes          | 1E       |
| 5              | 1           | [Regarding Strategy 5], more information is required on how volunteer groups are to be encouraged to become involved with weed control in the Park. Is the Department of Conservation and Land Management to encourage volunteer groups on Department of Conservation and Land Management managed areas, while local government promotes volunteer groups on local government managed areas?                    | Encouraging community involvement in the Park is addressed in Section 41. CALM will focus community involvement activities on land it manages, however some programs such as Regional Park Community Grants will also apply to local government managed lands. | No           | 2D       |
| 6              | 1           | The preparation of a weed management plan will be very beneficial as this will show the community and volunteer groups what weeds need to be worked on and hopefully how.   | Supports the Plan.   | No           | 1A       |
|                |             | <b>18 - Fire</b>  |  |              |          |
| 1              | 1           | I disagree with the suggestion that prescribed burning may be needed in the park. Fire disturbances are already occurring far too frequently in the park. Too many disturbances may favour some native species over others and weeds over native species.   | Plan amended. Should there be any proposal to undertake prescribed burning in the Park, consultation will occur with relevant stakeholder groups.  | Yes          | 1C       |

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| 2              | 1           | We are strongly opposed to prescribed burning in the park.   | Plan amended. Should there be any proposal to undertake prescribed burning in the Park, consultation will occur with relevant stakeholder groups.                | Yes          | IC       |
| 3              | 2           | Not everyone is enamoured with prescribed burning. It would need to be implemented in consultation with the local authority.   | Plan amended. Consultation with local government and key stakeholders would be undertaken if prescribed burning was to occur in the Park.                        | Yes          | IC       |
| 4              | 1           | Selective prescribed burning needs very careful consideration.   | Agree. Should there be any proposal to undertake prescribed burning in the Park, consultation will occur with relevant stakeholder groups.                       | No           | 2B       |
| 5              | 1           | Mention should be made regarding alternatives to the traditional ploughed or graded firebreaks. Some areas may be suitable to employ herbicide spraying, slashing or mowing and permanent hard stand paths as viable alternatives. These alternatives can reduce erosion, weed infestation, creation of windrows and be more aesthetically pleasing. | Plan amended.  | Yes          | IA       |
|                |             | <b>19 - Mosquito and Midge Control</b>   |  |              |          |
| 1              | 1           | The Midge Research Working Group referred to in para 7 is correctly known as the Midge Research Group.   | Plan amended.  | Yes          | IE       |
| 2              | 1           | Paragraph 3 should read "The City of Cockburn has undertaken mosquito monitoring since 1997".  | Plan amended. The reference to the City of Cockburn has been removed.  | Yes          | IE       |
| 3              | 1           | Fully support all four strategies.   | Supports the Plan.   | No           | 2A       |
|                |             | <b>20 - Pets and Introduced Animals</b>  |  |              |          |
| 1              | 1           | City of Melville has already undergone public consultation with regards to dog exercise areas in Piney Lakes. Dogs are now permitted on a leash around the open lake but prohibited from the wetland. There would be extreme resistance to any change.   | Plan amended in accordance with the City of Melville local law regarding dogs.   | Yes          | IC       |
| 2              | 1           | Mention should be made that local government rangers can only enforce regulations pertaining to dogs in areas of the park managed by local government while Department of Conservation and Land Management rangers are only able to enforce these regulations in areas of the park managed by Department of Conservation and Land Management.        | Local governments are responsible for administering and enforcing the <i>Dog Act 1976</i> in all areas (regardless of tenure) within their municipal boundaries. | No           | IG       |
| 3              | 1           | The feral animal fence around Banganup Lake Reserve (marsupial reserve) eventually include the parcel to its south-west corner on Pearce Road.   | Noted.   | No           | 2D       |

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| 4              | 1           | <p>The last paragraph before the strategies states that the City of Cockburn is investigating control methods for rabbits in the Park. This is incorrect. A previous internal report has shown that chemical control using baits is the preferred option. The City of Cockburn does not have the necessary expertise to undertake rabbit baiting and would need the support and expertise of Department of Conservation and Land Management if rabbit control was to be implemented within areas of the park under City of Cockburn control.</p> <p><b>21 - Rehabilitation</b></p>  | Noted.  | Yes          | IE       |
| 1              | 1           | <p>I disagree with the proposal to promote use of only local seed or seed from the nearest viable source as this practice serves to limit genetic variability.</p>  | The proposal has been included to conserve the genetic integrity of vegetation communities within the park.                   | No           | 2F       |
| 2              | 1           | <p>Strategy 7 states that mulch and soils used for rehabilitation within the park should be free of weed seeds and plant diseases. In some cases, the City of Cockburn has utilized mulch obtained from land clearing prior to development. Only high quality mulch derived from areas of natural vegetation is used. The City of Cockburn believes that using such mulch on areas that are already heavily weed infested will have limited impacts. The wording of the strategy should be altered to allow managing agencies the option of using high quality mulch sourced from the development sites that have similar vegetation complexes.</p> | Noted. The important issue is that mulch used in the Park should be of high quality and free of weed seed and plant diseases. | No           | 2H       |
| 3              | 1           | <p>Strategy 7 (32) – “does not contain unwanted seeds or plant disease” add to this pollutants. This follows on from the last paragraph in the first column of p31.</p> <p><b>22 - Park Aesthetics and Landscape Amenity</b></p> <p><i>No comments</i></p> <p><b>23 - Cultural Context</b></p>  | Plan amended.   | Yes          | IE       |
| 1              | 1           | <p>Reference to “declared” Aboriginal sites is potentially confusing. Declaration of sites only occurs pursuant to section 19 of the Aboriginal Heritage Act 1972 (AHA), and to the best of my knowledge there are no declared sites in the Beeliar Regional Park area.</p>   | Plan amended. The term “listed” is to be used to avoid any potential confusion.   | Yes          | IE       |



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| 2              | 1           | The somewhat sweeping statement that there do not appear to be any sites of recognisable significance in the western chain (para 8, p33) does not take into account the fact that these areas have almost certainly not been subject to thorough Aboriginal heritage survey. The conclusion of Polglaze (cited on p33) that the hydrology of at least two of the lakes would have made them very desirable campsites can, in my view, be extrapolated to most lakes on the Swan Coastal Plain – reference to the writings of archaeologists such as Hallram, Strawbridge of Schwede would amplify this point.   | Plan amended.  | Yes          | 1E       |
| 3              | 1           | Mention should also be made to reiterate the intrinsic difference between the AHA and Native Title Amendment Act (1998) (NTAA). Whereas the draft plan states that a “public work” is defined in the NTAA to include buildings...and major earthworks (p34), it is nevertheless the case as stated that it is an offence to damage, alter or destroy any Aboriginal sites (p34) under the AHA.  | Noted.   | No           | 2D       |
| 4              | 1           | In order to realistically address the cultural values a commitment to further research and interpretation should be included in the plan.   | Plan amended.  | Yes          | 1C       |
| 5              | 1           | Whilst it is acknowledged that cultural heritage issues have been discussed within the report it is of concern that the Heritage Council of Western Australia has not been consulted in this process. Some sites within the area have been entered on the State Register of Heritage Places and are therefore afforded protection under the Heritage of Western Australia Act, 1990.<br><br>The Heritage Council should be consulted and a list of those places entered on the State Register included. Also, the obligations under the Heritage of Western Australia Act, 1990 should be clearly outlined. These issues should be clearly addressed within Strategies 1 to 5 on page 35 of the report.<br><br>Included in appendix is a list of places located within the City of Melville, City of Cockburn and City of Kwinana which are on the State Register of Heritage Places. | Plan amended. The Azalea Ley Homestead is the only site listed on the State Register of Heritage Places. Management obligations under the <i>Heritage of Western Australia Act, 1990</i> have been included in the Plan. | Yes          | 1A       |
| 6              | 1           | I think an explanation of the Aboriginal name of some lakes would enhance this cultural aspect in the report and be educational to non-Aboriginal people<br><br><b>24 - Greenway Corridors and Links</b>  | Will be considered in the Interpretation Plan for the Park as outlined in Section 39.  | No           | 2D       |
| 1              | 1           | Existing greenway corridors need to be maintained and if necessary, infill revegetation carried out.  | Noted.   | No           | 2A       |
| 2              | 1           | Strategy 5 (p36) – Beeliiar regional Park should read Beeliiar Regional Park.   | Plan amended.  | Yes          | 1E       |



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| 3              | 1           | Enhancement of facilities will bring more people into the park, insurance that damage is not done to the natural environment needs to be monitored – how, ranger Patrols?  | CALM's operations staff will continue to have a strong presence in the Park. Increased use of the Park will also increase community ownership and therefore informal monitoring.   | No           | 2H       |
| 4              | 1           | Site Plans for South Lake (p40) – I would consider it inappropriate to provide any facilities at this lake. It is a haven for wildlife as there is currently little use by people. Facilities at Bibra Lake, North Lake, Little Rush Lake and Yangebup Lake adequately meet the needs of visitors and locals. There is no need to popularise another lake. Although the facilities recommended are minimal they will increase dog walking around the lake, allow access for bike riding, increase littering by careless visitors and increase weed invasion (due to the earth works and seeds accidentally dropped by users and their dogs). | Plan amended. The lookout and parking area will be removed, however a walking trail is to remain to provide access around the lake. Dual use paths are proposed on the eastern and southern side of the lake to improve connectivity to and within the Park. | Yes          | ID       |
| 5              | 1           | The City of Cockburn does not agree with the construction of a car park at South Lake. It is thought that it may attract high numbers of visitors resulting in adverse impacts on the lake. Nearby lakes including North Lake, Bibra Lake, Little Rush Lake and Yangebup Lake are easily accessible to the public and it may be more prudent to allow South Lake to remain relatively undisturbed and concentrate on rehabilitation.   | Plan amended.  | Yes          | ID       |
| 6              | 1           | I believe South Lake should not be included in the recreation plan. There has been no community calls for recreation facilities in this reserve. Its water is possibly the highest quality of all the local lakes. Also, a path around the lake may not be practicable due to rising water levels adjacent to North Lake Road.   | Plan amended. The lookout and parking area will be removed, however a walking trail is to remain to provide access around the lake. Dual use paths are proposed on the eastern and southern side of the lake to improve connectivity to and within the Park. | Yes          | ID       |

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| 7              | 1           | Site Plans at Yangebup Lake (p40) – The proposal of a recreational facility at this location is inappropriate as this area is largely unspoilt bushland, whereas there are many areas available in the park in need of rehabilitation or another land use. Of more concern is the use of the southeast area of the lake by water birds. In the Yangebup Lake Management Plan (City of Cockburn 1995) it is noted that a total of 5,921 individual wetland birds were found on the lake in one survey and that the RAOU (now Birds Australia) recorded thirteen wetland species breeding during 1982 to 1990. This data confirms that Yangebup Lake is a significant wetland for waterbird use. On any occasion that the lake is observed, the number of birds in the southeast corner would be 85 to 95% of the total individuals on the lake. I believe the water birds congregate in this area as it provides the correct environment but is also well away from any human activity. If a recreational facility were to be placed near to this area it would result in the bird life trying to find another suitable location. Such locations are diminishing with increases in human population. A far better location would be the old cement works on Parkes Street near to Little Rush Lake. This location is in need of rehabilitation and has a decent buffer area between it and the Lake. I suggest that the location at Yangebup Lake in the draft is not acceptable for recreation purposes and should be left as Natural Environment Uses. | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.  | Yes          | IC       |
| 8              | 1           | Lake Yangebup is well known for the diversity of waterbirds and wading birds that it supports. Of particular conservation value is the south west corner of the lake.<br><br>Birds Australia WA Group is of the opinion that any development in the south west corner of Lake Yangebup should be minimised and set back as far from the shore of the lake as possible. This will minimise disturbance to the avifauna and ensure their long-term persistence at the lake. We would be concerned about any development that causes excessive noise or light pollution in this area.  | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.  | Yes          | IC       |
| 9              | 1           | Regarding the proposed sensory park at Yangebup Lake – so much bushland in the Beeliar Park has already been lost to inappropriate development. Surely this proposal could be built outside the park's boundary, not within.  | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.  | Yes          | IC       |
| 10             | 1           | There is reference to a sensory park at Yangebup Lake. I recommend that this be considered for relocation on the Jandakot Cement Works site off Parks Road near Little Rush Lake. The latter property is a reasonably large degraded area and there is some adjoining degraded land fronting Parks Road to compliment it. This area would be more accessible to the South Lakes Community as well as Yangebup residents.  | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake. A disabled access playground has been installed at Manning Park. | Yes          | IC       |
| 11             | 1           | We are strongly opposed to the proposed sensory park at Yangebup Lake. Such a facility should be located on degraded land adjacent to the park.   | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.  | Yes          | IC       |

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| 12             | 1           | Regarding the proposed sensory park at Yangebup Lake, while we appreciate that people need to have access to recreational facilities we feel these should not be included in a wetland/bushland environment. There is plenty of cleared land outside the Beeliar Regional Park that could be utilized for this function.<br><br><b>29 - Park Access and Circulation</b>                        | Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.   | Yes          | 1C       |
| 1              | 1           | The bush around Lake Kogolup suffers from intrusion by people driving their vehicles in for the purpose of wood chopping and perhaps other purposes. It badly needs to be fenced off to prevent the various types of degradation that these people and their vehicles are causing.   | Noted. The area has been fenced.  | No           | 2H       |
| 2              | 1           | Other reasons for maintenance vehicles needing entry to parks includes bush rehabilitation works, weed control, midge monitoring and green stock maintenance and watering.   | Plan amended.   | Yes          | 1A       |
| 3              | 1           | I think there is a need for a combined horse trail/walking track and fire access route around the Branch Circus swamp just east off Branch Circus... An additional walk trail could cross from it from the small park strip extending to Hammond Road and through the Hird Road wetland on the other side of Hammond Road linking up with public open space on the Thomsons Lake Estate.       | Noted. Horse riding in the area is not considered appropriate given the area is low lying and often inundated in winter. Planning for access, walk trails and dual use paths will continue as urban development occurs in areas surrounding and adjoining the Park. | No           | 2D       |
| 4              | 1           | Suggest inclusion of strategy to monitor horse impacts to determine the need to close specific bridle trails if necessary. (Department of Conservation and Land Management)  | Noted.  | No           | 2D       |
| 5              | 1           | Agree wholeheartedly with the statements that the current level of erosion and disturbance from equestrian activities at Lake Kogolup is unacceptable. However, reducing the degree of access to designated bridle trails does not go far enough. I believe that any bridle trails should lie outside the perimeter of the park to ensure that no further degradation occurs from this source. | Noted. Horse riding is to be prohibited from Kogolup Lake.  | Yes          | 1C       |
| 6              | 1           | The horse riding groups or individuals should be restricted to degraded areas on the east side of Kogolup Lakes, and not in the good bushland on the west side, as shown on the plan.  | Horse riding is to be prohibited from all areas of Kogolup Lake.  | Yes          | 1D       |
| 7              | 1           | Bridle trails should be fenced either side or with good signage so there's no misunderstanding. A bridle trail alongside Thompson's Lake fence-line connecting South Branch Circus Road and degrading areas east of Kogolup Lakes should be the only area permitted for horse riding in the Kogolup area until the horse riding activities are phased out.                                     | Horse riding is to be prohibited from all areas of Kogolup Lake. Access around the outside of Thomsons Lake will be reviewed as rural land uses in the area are replaced by urban land uses.  | Yes          | 1D       |

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| 8              | 1           | I believe horse riding should not be permitted in the Kogolup Lake Reserve. The bridle path around Thompson's Lake – a distance of eight or nine kilometers seems quite adequate for horse riders.  | Horse riding is to be prohibited from all areas of Kogolup Lake.   | Yes          | ID       |
| 9              | 1           | I do not support the bridle trail concept for the western side of Kogolup Lake where it is so close to the lake between the southern and northern lake portions. This is a very attractive part of the Beeliar Regional Park but also extremely delicate. To create a type of horse riding stop-over and viewing area at this point may cause too much destruction to the natural vegetation and spoil the area. There is also good breeding population of night herons in that vicinity.           | Horse riding is to be prohibited from all areas of Kogolup Lake.   | Yes          | ID       |
| 10             | 1           | We are opposed to allowing such an extensive horse trail system around Kogolup Lake. We believe that horse riders should only be allowed to ride around the periphery of the park.  | Horse riding is to be prohibited from all areas of Kogolup Lake.   | Yes          | ID       |
| 11             | 1           | The yellow dots [on Figure 8] extending from Branch Circus across the front of the Emmanuel College to Beeliar Drive (towards the north-east side of Kogolup Lake) should be reconsidered because there is a very busy traffic junction at this location – safety concerns.   | The dual use path crossing point would be located sufficient distance from intersection to meet relevant standards. Where possible the path would link with the existing footpath network in the locality. | No           | 2D       |
| 12             | 2           | Figure 8 (p43)– Yellow dots on west side of Yangebup Lake should be black as this path already exists.  | The existing path is a walk trail, not a dual use path.  | No           | 2G       |
| 13             | 2           | The proposed path on the east side of Yangebup Lake is inappropriately close to the waters edge. This is the main area used by water birds in the area as it is a quiet location which provides the correct ecology for their use. By placing the dual use path this close to the lake the birds will need to find a quieter location at another lake. The dual use path should be proposed for a location at least another 100 metres further east so that the birds are not scared from the area. | The proposed location of the dual use path is indicative only. Detailed design of the alignment will consider bird habitat protection.   | Yes          | 1A       |
| 14             | 1           | The dual use path along the western edge of Lake Coogee is complete and should be shown on the map as an existing dual use path.  | Plan amended.  | Yes          | 1E       |
| 15             | 1           | Paragraph 3 should read "The City of Cockburn's Trails Master Plan Reference..."  | Plan amended, the title of the reference will be italicised.   | Yes          | 1E       |
|                |             | <b>30 - Signs</b>   |  |              |          |
| 1              | 1           | The production of a pamphlet or brochure of the park and the naming of tracks would reduce the amount of signs needed and aid visitors with visual aspects of the park.   | The use of pamphlets or brochures is considered in the Regional Park Communication Plan and is outlined in Section 39.   | No           | 2C       |

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| 2              | 1           | I would suggest that details of a 'hotline' number and possibly e-mail address be provided at strategic locations in the park for the convenience of people concerned for the well-being of the park.   | The contact details for CALM will be placed on appropriate signs in the Park.                                       | No           | 2H       |
| 3              | 1           | The City of Melville has gone to considerable expense in developing and implementing a sign specification for its parks. There would be a reluctance to change the signage in any of its parks.<br><b>31 - Visitor Safety</b>   | Noted. Local governments are encouraged to adopt the Regional Parks Sign System when existing signs need replacing. | No           | 2D       |
| 1              | 1           | We support a safety assessment but would not wish to see large trees felled or cliffs blasted in order to reduce public risk. Surely signage should suffice to warn people of hazards.  | Noted. Individual site circumstances and conditions will determine mitigation and signage requirements.             | No           | 2F       |
| 2              | 1           | [Strategy] 5 - Could you please advise what form this will take and how it will be distributed?<br><b>32 - Utilities, Park Services and Infrastructure Proposals</b>  | Distribution may be via a range of ways including signs, brochures, media releases and advertisements.              | No           | 2H       |
| 1              | 1           | The existing Thompson Lake Reservoir will be expanded to match water demands within the existing site. In the long term a duplication of the existing 760mm diameter water supply main will occur. The main is located within land owned by the Corporation (A0381 and A6096) west of Carmel Way road reserve. The Corporation will take care to conserve the values of the park. | Noted.  | No           | 2B       |
| 2              | 1           | [Regarding the proposed sensory park at Lake Yangebup], the requirement that the existing and proposed toilets within the Park be connected to the Corporation's sewerage system is supported. However, it should be noted that the sewer extension cost would be borne by the park management.   | Noted. Cockburn City Council has resolved not to proceed with the sensory park at Yangebup Lake.                    | No           | 2D       |
| 3              | 1           | The existing Corporation infrastructure that crosses the Park may require maintenance that could temporarily impact on the Park. However, the Corporation is committed to protecting the environment and will support the preservation of the park.   | Noted.  | No           | 2H       |

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| 4              | 1           | <p>Existing sewers, both gravity and pressure, are protected or should be protected as follows:</p> <ul style="list-style-type: none"> <li>▪ The Yangebup Main Sewer is protected in an easement (E1283 and E1284) and in land owned by the Water Corporation (A1772).</li> <li>▪ The Waterworks Road Sewerage Pressure main traverses the Park in Wedge Road, a gazetted but unmade road. This land or part of it may need to be given tenure by the Corporation if the road reserve is to be closed.</li> <li>▪ At the eastern end of the above road reserve the Waterworks Sewerage Pressure main crosses Reserve 15556 and enters Branch Circus. An easement may be required to protect this section.</li> </ul> <p>A 900mm diameter pressure main is planned along Safety Bay Road in the long term. However since this will be in a road reserve with existing services and an established road, no impact on the Park is expected.</p> | Noted. When land tenure changes for the Park are initiated, the Water Corporation will be involved as required.   | No           | 2D       |
| 5              | 1           | <p>Infrastructure Projects Within or Adjoining the Park, para 3 (p46) – The example used “e.g. Water Corporation Sewer Outfall at Henderson” is <u>not</u> located in the Beeliar Regional Park. In fact the Woodman Point Emergency Outfall is a second call emergency outlet that crosses the Water Corporation’s Woodman Point WWTP property. The example is out of context and should be removed.</p>   | Plan amended. Comment removed from Plan.  | Yes          | 1B       |
| 6              | 1           | <p>Infrastructure Projects Within or Adjoining the Park, para 4 (p46) – The two Water Corporation projects highlighted have been constructed and rehabilitation contracts are in progress. The paragraph should be written more positively.</p>   | Plan amended. Section removed from Plan.  | Yes          | 1A       |
| 7              | 1           | <p>Munster Pump Station and Bibra Lake Main Sewer Extension, paras 1-2 (p46) – The main sewer has been constructed and Munster Pump Station will be completed and both will be operating early in the life of the plan, The tense of the verbs should be changed to reflect this.</p>   | Plan amended. Section removed from Plan.  | Yes          | 1A       |
| 8              | 1           | <p>Southern Lakes Drainage Scheme, paras 1-5 (p46) – The scheme has been constructed and the drainage system and the main sewer are in operation. The tense of the verbs should be changed to reflect this.</p>   | Plan amended. Section removed from Plan.  | Yes          | 1A       |
| 9              | 1           | <p>There is one road issue that does not appear to be referred to in the management plan. This being the possible impact of a proposed east-west regional road, referred to as Rowley Road extension, on the Mount Brown area in Henderson. Main Roads is currently undertaking a planning study to define the future reservation requirements for Rowley Roads extension between Kwinana Freeway and the Indian Ocean, as shown in Figure 8. This study is being carried out in consultation with the Department of Planning and Infrastructure, Department of Environmental Protection, City of Cockburn and Town of Kwinana.</p>   | The extension of Rowley Road will not impact on the southern portion of Mount Brown as the Park boundary reflects the Parks for Recreation reservation in the Metropolitan Region Scheme. | No           | 2C       |



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| 10             | 1           | Suggest addition to Strategy 3 to allow new recharge basins to be constructed if they are seen to be beneficial to the wetland. An example would be if the purpose for construction was to divert existing drains from flowing directly into wetland areas. | Plan amended.                            | Yes          | 1C       |
| 11             | 1           | Strategy 6 (p47) –Remove the example.   | Plan amended. Section removed from Plan. | Yes          | 1B       |
| 12             | 1           | Strategy 7 (p47) - Suggest stronger wording of strategy, "Insist that appropriate conditions are placed on proponents...etc.".  | Noted.                                   | No           | 2D       |
| 13             | 1           | The Department of Conservation and Land Management should support the movement against the Roe Hwy being built here.  | Noted.                                   | No           | 2F       |
| 14             | 1           | I fully support the requirement for developers to dispose of stormwater appropriately within the development site and for no additional direct drainage outfall being permitted in the park.  | Supports the Plan.                       | No           | 1A       |
| 15             | 1           | Suggest additional strategy that clearly states that the Park should not be reduced or degraded by inappropriate activities.  | Noted.                                   | No           | 2F       |
| 16             | 1           | In light of comments contained within the report it is considered both desirable and essential that DEWCAP be also involved in the proposed Strategies numbers 1,2 ,3, 6 and 7 (pg 47).   | Plan amended.                            | Yes          | 1C       |
|                |             | <b>E COMMERCIAL CONCESSIONS</b>   |  |              |          |
|                |             | <b>33 - Commercial Goal and Guiding Principles</b>  |  |              |          |
|                |             | <i>No Comments</i>  |  |              |          |
|                |             | <b>34 - Leases and Licences</b>   |  |              |          |
| 1              | 1           | Existing Commercial Visitor Services, City of Cockburn, dot point 10 – McKillop Catholic Primary School is now called Mater Christi Catholic Primary School.  | Plan amended.                            | Yes          | 1A       |
| 2              | 1           | In the section titled Existing Commercial Visitor Services add Piney Lakes, Leach Hwy, Booragoon to the City of Melville listing.   | Plan amended.                            | Yes          | 1A       |
| 3              | 1           | In the section title Existing Commercial Visitor Services add Piney Lakes Environmental Education Centre and delete reference to same as having been approved for development.  | Plan amended.                            | Yes          | 1A       |

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| 4  | 1           | The City of Cockburn suggests that horse-riding operators should not be allowed to expand existing operations. This should be a condition of any future licensing agreements.  | Plan amended. Commercial horse hire operators have ceased operating in the area.   | Yes          | 1C       |
| 5  | 1           | The City of Cockburn suggests that residential leases be allowed in the park if the residence is to house a park caretaker or provide some other benefit to the park.  | Noted.   | No           | 2D       |
| 6  | 1           | The UWA operation should be reviewed and if it is serving no significant purpose, buy out their interest and bring it fully into the Beeliar Regional Park.  | Noted. The UWA undertakes research into native wildlife and the use is considered appropriate. The area is already fully contained within Beeliar Regional Park. | No           | 2D       |
| 7  | 1           | Agree that any commercial application needs to be thoroughly scrutinised for potential impacts on the Park.  | Supports the Plan.   | No           | 2A       |
| <b>35 - Mining and the Extraction of Basic Raw Materials</b> |             |  |  |              |          |
| 1  | 1           | Para 3 (p51) has a duplication. It should read, "...Conservation Commission of Western Australia's Basic Raw Materials Policy Statement No. 5".  | Plan amended. Reference to Conservation Commission policy has been removed.  | Yes          | 1C       |
| 2  | 1           | Refer to issue raised under page 17 above, by the Department of Mineral and Petroleum Resources in regard to contradictory references in Sections 13 and 35.   | Noted. The Conservation Commission has advised that mining and the extraction of basic raw material are not acceptable land uses within the Park.                | No           | 2F       |
| 3  | 1           | Strategy 2 (p51) should read, "Assess all requests to access basic raw materials within the park in accordance with..."  | Noted. The Conservation Commission has advised that mining and the extraction of basic raw material are not acceptable land uses within the Park.                | Yes          | 1C       |
| 4  | 1           | [With regard to Strategy 2], MPR should be included as a relevant authority which could and does provide advice to the local city councils and the Department of Conservation and Land Management regarding the assessment of requests for mineral and basic raw materials extraction. | Noted. The Conservation Commission has advised that mining and the extraction of basic raw material are not acceptable land uses within the Park.                | Yes          | 1C       |

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|                |             | <b>F RESEARCH AND MONITORING</b>  |   |              |          |
| 1              | 1           | <b>36 - Research and Monitoring Goal</b><br>How is this understanding going to be conducted, by whom, and how will it be recorded and reported?   | Research and monitoring should be guided by the Park's Key Performance Indicators; be undertaken by the managing agencies, other government departments, education institutions and the community; and be reported to the managing agencies and the Conservation Commission of WA for auditing the management plan. | No           | 2B       |
| 1              | 1           | <b>37 - Research and Monitoring</b><br>A manual is needed for community groups to work to, and visitor survey sheets could also be investigated for visitor satisfaction.   | A Regional Park Volunteer Information Package is available to community groups working in regional parks (Section 41). Visitor survey sheets will be considered as part of the Visitor Survey Program (Section 26).   | No           | 2D       |
|                |             | <b>G COMMUNITY RELATIONS</b>  |   |              |          |
| 1              | 1           | <b>38 - Community Relations Goal</b><br>An excellent opportunity CALM to raise its community profile is by having community days at various locations around the park. These could be in conjunction with local government community events, eg. Manning Lake Spring Fair, Bibra Lake Fun Run and for other occasions and events such as World Wetland Day. | Noted. CALM already organises a variety of community events in regional parks both promotional and fieldwork related.   | No           | 2B       |
| 2              | 1           | Liaison with the community and environmental groups and organisations will ensure understanding of and increased protection and respect for the Park.   | Noted.  | No           | 2B       |

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|                |             | <b>39 - Information, Interpretation and Education</b>   |   |              |          |
| 1              | 1           | All the mechanisms are in place, it is now a matter of building on these to get the information out to the wider community eg. tourist centres, bus tour operators, libraries etc.  | Noted.  | No           | 2H       |
| 2              | 1           | There appears to be no content which refers to the important areas of education, recreation or redevelopment. We suggest that these points should be included in the management plan.   | These issues are addressed in Sections 39, 27 and Appendix D. | No           | 2D       |
| 3              | 1           | The Department should work through community centres such as Piney Lakes and the Cockburn Wetlands Education Centre to promote the values of the park and to provide information to visitors about the park.                            | Plan amended.   | Yes          | 1B       |
| 4              | 1           | Department of Conservation and Land Management should be proactive in gaining educational institution support. All schools in the Beeliar Regional Park area to be contacted and invited to adopt or sponsor part of the Regional Park. | Noted.  | No           | 2D       |
| 5              | 1           | Guided tours should be provided for a particular group (eg Year Six) each year to create an awareness of the Regional Park.   | Noted.  | No           | 2C       |
| 6              | 1           | Encourage Ribbons of Blue to actively recruit schools in the Beeliar Regional Park so that a water monitoring network is established.   | Noted.  | No           | 2C       |
| 7              | 1           | Encourage schools to become involved with Frogwatch with an inter-lake comparison.  | Noted.  | No           | 2C       |
|                |             | <b>H PLAN IMPLEMENTATION</b>  |   |              |          |
|                |             | <b>40 - Priorities, Funding and Staff</b>   |   |              |          |
| 1              | 1           | I believe that the timeframes given for the development of subsidiary plans and implementation are much too generous.   | Noted.  | No           | 2D       |

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| 2              | 1           | As far as the City of Cockburn is aware the Area Assistance Grants Schemes administered by the Department of Planning and Infrastructure does not apply to land managed outright by a local government authority. Initial funding is made available when management of DPI land is transferred to a local government authority, however funding is for a limited period only. Further funding is only available if the land continues to be owned by the DPI. Generally, this is not the case as, after initial funding, the land is transferred to the Department of Land Administration and vested, for management, to the local authority. No further funding is available under the Areas Assistance Grants Scheme as the land is no longer owned by DPI. Local government authorities will have to fund future facilities in areas of the park that are crown reserves and vested with the local authority.<br><b>41 - Community Involvement</b> | Noted.   | No           | 2B       |
| 1              | 1           | Para 5 (p56) – incorrect spelling of Mater Christi Catholic School.<br><b>42 - Term of this Plan</b><br><i>No comments.</i><br><b>43 - Performance Assessment</b>   | Plan amended.  | Yes          | 1E       |
| 1              | 1           | Will this be available for community viewing?   | Yes.   | No           | 2B       |
| 2              | 1           | A performance indicator for lake health or wetland condition is suggested. As you know, an earlier draft included a target "no decline in the current diversity of invertebrates" and this may be a suitable performance indicator which should still be incorporated.  | A KPI in relation to the lakes and wetlands in the Park (changes in abundance, species diversity and structure of naturally occurring aquatic macro-invertebrate populations) has been included in the Plan. Water quality indicators should be considered as part of catchment management plans for the wetlands. | Yes          | 1C       |
| 3              | 1           | [Regarding Bushland Condition], I suggest to include a survey of areas not already adequately surveyed to determine whether any significant flora exist. This should be done prior to the mid term audit.   | A floristic survey which identified the significant flora of Beeliar Regional Park was completed by Keighery (1996) – refer to the reference list in the management plan.  | No           | 2D       |
| 4              | 1           | [Regarding Visitor satisfaction and visitor numbers. key management strategy 26.1], I suggest the survey programme be developed within 1 year and that it should be implemented prior to the mid term audit.  | Noted.   | No           | 2D       |

| COMMENT NUMBER                          | NO. OF SUBS  | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN  | PLAN AMENDED           | CRITERIA                  |          |   |  |  |  |               |                                       |   |  |   |    |    |
|---|--|--|----------------------------|------------------------|---------------------------|----------|---|--|--|--|---------------|---------------------------------------|---|--|---|----|----|
| 5                                       | I  | <p>Table 3 – Performance Audit Table</p> <p>Suggest alteration to table:</p> <table><tr><th>Key Performance Indicators</th><th>Key Management Targets</th><th>Key Management Strategies</th><th>Timeline</th></tr><tr><td>Fauna Populations and species diversity</td><td>To maintain the current populations and increase diversity of selected indigenous fauna species in the park.</td><td></td><td></td></tr><tr><td>Water Quality</td><td>To maintain and improve water quality</td><td>Monitor the water quality of the Beeliar wetlands (parameters to include total phosphorous, total nitrogen, chlorophyll, diversity of macro-invertebrates.<br/>Explore methods to improve water quality of the wetlands.</td><td></td></tr></table> <p>REFERENCES AND BIBLIOGRAPHY</p> <p>No Comments</p> <p>APPENDICES</p> <p>No Comments</p> | Key Performance Indicators | Key Management Targets | Key Management Strategies | Timeline | Fauna Populations and species diversity | To maintain the current populations and increase diversity of selected indigenous fauna species in the park. |  |  | Water Quality | To maintain and improve water quality | Monitor the water quality of the Beeliar wetlands (parameters to include total phosphorous, total nitrogen, chlorophyll, diversity of macro-invertebrates.<br>Explore methods to improve water quality of the wetlands. |  | A management target has been included for fauna management. A KPI addressing the wetland ecosystems in the Park has also been included in the Plan. | No | 2D |
| Key Performance Indicators              | Key Management Targets   | Key Management Strategies  | Timeline                   |                        |                           |          |   |  |  |  |               |                                       |   |  |   |    |    |
| Fauna Populations and species diversity | To maintain the current populations and increase diversity of selected indigenous fauna species in the park. |  |                            |                        |                           |          |   |  |  |  |               |                                       |   |  |   |    |    |
| Water Quality                           | To maintain and improve water quality  | Monitor the water quality of the Beeliar wetlands (parameters to include total phosphorous, total nitrogen, chlorophyll, diversity of macro-invertebrates.<br>Explore methods to improve water quality of the wetlands.  |                            |                        |                           |          |   |  |  |  |               |                                       |   |  |   |    |    |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT  | DISCUSSION / ACTION TAKEN  | PLAN AMENDED | CRITERIA |
|----------------|-------------|---|--|--------------|----------|
| 1              | 1           | <p><b>Appendix A – Abbreviations</b></p> <p>The Reference to "DME" in Appendix A and the main document should be amended to read "MPR" as the Department of Minerals and Energy amalgamated with the Department of Resources Development in July 2001 to form the new Department of Mineral and Petroleum Resources abbreviated to the MPR.</p> <p><b>Appendix B – Vegetation Communities and Assemblages within the Park</b></p> <p><i>No Comments</i></p> <p><b>Appendix C – Swan Coastal Plain Landscape Character Type</b></p> <p><i>No Comments</i></p> <p><b>Appendix D – Recreation Masterplan</b></p>   | Plan amended.  | Yes          | IE       |
| 1              | 1           | <p>[On Recreation Masterplan Section 1], remove facilities being proposed for South Lake to provide a refuge for wildlife.</p>  | Plan amended. The lookout and parking area will be removed, however a walking trail is to remain to provide access around the lake. Dual use paths are proposed on the eastern and southern side of the lake to improve connectivity to and within the Park. | Yes          | ID       |
| 2              | 1           | <p>[On Recreation Masterplan Section2], the bridle trails at Kogolup Lake need to be modified to take the horses away from the lake. I suggest that the third trail running south/north which is immediately west of the lake be removed. More use could be made for bridle trails along the sewer line west of Kogolup Lake and the old cow paddock to the North east of Kogolup Lake and the old cow paddock to the North east of Kogolup Lake (directly west of the Catholic High School). Also the horse icon has two arrows on this map, however, the most northern of these arrows does not point to the proposed bridle trail so it should be removed.</p> | Plan amended. The bridle trail has been removed from the Plan.   | Yes          | ID       |

| COMMENT NUMBER | NO. OF SUBS | SUMMARY OF COMMENT   | DISCUSSION / ACTION TAKEN  | PLAN AMENDED | CRITERIA |
|----------------|-------------|--|--|--------------|----------|
| 3              | 1           | <p>I strongly recommend that the Bridle Trail route be modified. It should be able to follow Branch Circus, thence go through the degraded land behind Emmanuel College (through Lot 500) and then follow the new sewer line route through Lot 144 (formerly Location 677) and westwards along the edge of Beeliar Drive, linking up with the other cleared sewer route on the west side of Kogolup Lake. Most of this suggested route would be through degraded land but it would also allow good vistas of Kogolup Land and increase the duration of horse rides.</p> <p><b>Appendix E – Glossary of Terms</b></p> | <p>The bridle trail at Kogolup has been removed from the Plan.</p> | No           | 2D       |
| 1              | 1           | <p>Two errors are noted:</p> <p>Biota refers to the sum of all species occurring in a defined area – it includes vertebrates, invertebrates, plants, fungi, bacteria, viruses etc. (Flora and fauna leave out fungi, bacteria etc).</p> <p>Taxa (singular, taxon) refers to a taxonomic entity such as species, subspecies, variety.</p> <p><b>Appendix F – Contacts</b></p> <p><i>No Comments</i></p>   | <p>Plan amended.</p>   | Yes          | 1E       |



## **APPENDIX I - SUBMITTERS TO THE DRAFT MANAGEMENT PLAN**

### **Individuals**

Abbott, Ian  
Goldsborough, Neil  
James, David  
Kitching, Irene  
Pickering, Robyn  
Richardson, Ken  
Sallur, RT  
Spencer, Jeff (x2)  
Smith, Al & Pat  
Smith, Brian

### **Community Organisations**

Birds Australia (WA) Group Inc  
Friends of the Cockburn Wetlands Education Centre  
Wetlands Conservation Society

### **Educational Institutions**

Coogee Primary School

### **Government Agencies**

Aboriginal Affairs Department  
City of Cockburn  
City of Melville  
Department of Mineral and Petroleum Resources  
Fremantle Port Authority  
Heritage Council  
Main Roads WA  
Recfishwest  
WA Tourism Commission  
Water and Rivers Commission (x2)  
Water Corporation (x2)