

**BURRUP PENINSULA LAND USE  
PLAN AND MANAGEMENT  
STRATEGY**

**SUMMARY OF PUBLIC SUBMISSIONS**

**SEPTEMBER 1996**

**BURRUP PENINSULA MANAGEMENT ADVISORY BOARD**



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## **INTRODUCTION**

The Burrup Peninsula Draft Land Use and Management Plan (Draft Plan) and appendices were released for public comment in June 1994. The Draft Plan was available for comment for a period of eight weeks but late submissions were also reviewed. The availability of the Draft Plan was advertised in local and statewide papers and a summary of the Draft Plan was widely circulated by a letterbox distribution in the region.

Copies of the Draft Plan were provided to interested Government agencies, community organisations, local authorities and libraries. Copies were also available for perusal at the Shire of Roebourne libraries and the offices of the Pilbara Development Commission.

## **ANALYSIS OF SUBMISSIONS**

In all, 47 submissions, some being joint or group submissions and form letters, were received commenting on the proposals contained in the Draft Plan. All submissions were analysed in detail and the issues arising out of this analysis documented and considered by the Burrup Peninsula Management Advisory Board (Board). Comments made in submissions were assessed entirely on the cogency of issues raised and no subjective weighting was given to any submission for reasons of its origin.

The Board was assisted in its considerations by an independent review of submissions.

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

The number and origin of submissions are as follows:

<b>Origin</b>	<b>Number</b>
Community Organisations	11
Government (Commonwealth)	2
Government (State)	12
Individuals	15
Industries	5
Consultants	2
<b>Total</b>	<b>47</b>

## **GENERAL COMMENTS**

There were a wide variety of issues and a number of common issues raised in submissions. The concepts promoted in some submissions were contradictory to those promoted in others.

Significant common issues raised included:

- the need for a regional perspective;
- the proportion of land allocated to conservation and industry;
- the protection of the environmental, scenic and heritage values of the Peninsula and the adjoining marine environment;

- proposals for an infrastructure corridor to the north end of the peninsula and the industrial use of land at the northern headland of Conzinc Bay; and
- some of the proposed land uses in the conservation zone.

### **FINAL PLAN PREPARED**

Following consideration of submissions by the Board, the final Burrup Peninsula Land Use Plan and Management Strategy was prepared.

This document is a supplement to the Burrup Peninsula Land Use Plan and Management Strategy summarising submissions and responses.

### **ISSUE SUMMARY TABLE**

The Issue Summary Table outlines for each submission:

- the number of the submission;
- summary of each issue raised;
- a response to each issue raised; and
- an indication of whether or not the Draft Plan was amended or of other action that will be taken to address the issue.

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
1	<ul style="list-style-type: none"> <li>• Approach to management issues are not fully explained in the Plan.</li> <li>• There is no indication as to the source of funds for the proposed capital works program and there are no projected income forecasts.</li> <li>• A sanctuary proposal is seen as a solution to land and visitor access management problems and would earn sufficient income to cover the necessary funding.</li> </ul>	<ul style="list-style-type: none"> <li>• Management objectives and policy statements for all policy areas covering such matters are now provided in the Plan. Management issues will be fully addressed during the preparation of detailed management plans.</li> <li>• The Plan proposes Government funding of a capital works program for the next five years and interim management funding. Potential revenue will be examined during the preparation of detailed management plans.</li> <li>• Such proposals will be considered during the preparation of detailed management plans.</li> </ul>
2	<ul style="list-style-type: none"> <li>• The area adjacent to the Hearson Cove area has no conservation value and contains a valuable resource of lime sands which should be utilised by proposed developments in the area.</li> </ul>	<ul style="list-style-type: none"> <li>• King Bay - Hearson Cove industrial area has not been extended. Utilisation of the lime sand resource will be subject to detailed management planning.</li> </ul>
3	<ul style="list-style-type: none"> <li>• The unique features of the Burrup would be lost if developed for industry and the area should be preserved.</li> </ul>	<ul style="list-style-type: none"> <li>• The vision of the Plan is to meet strategic industrial land needs and to preserve the quality of the outstanding natural resources and cultural heritage of the Peninsula while also providing for the recreational and educational needs of the public.</li> </ul>
4	<ul style="list-style-type: none"> <li>• There have been no studies to suggest the environmental effects associated with potential industry and shipping on the Burrup.</li> <li>• Flora and fauna information is inadequate and outdated and the area required for rare species to survive is not known.</li> <li>• Development of North or South Conzinc Bay sites would irrevocably damage the areas of Mermaid Sound and Conzinc Island and is unacceptable.</li> <li>• Aboriginal rock art is of international significance and needs to be protected and managed.</li> </ul>	<ul style="list-style-type: none"> <li>• Detailed studies of the local environment will be required as part of the environmental impact assessment process to determine environmental acceptability of individual developments.</li> <li>• As above</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area. The Plan requires further research on the local environment of Conzinc South ahead of the environmental impact assessment of any development.</li> <li>• Management objectives and policy statements in the Plan recognise the significance of Aboriginal heritage. Detailed management plans are to be prepared for the Conservation, Heritage and Recreation Area.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
4 contd	<ul style="list-style-type: none"> <li>• The Plan declines to address parallel regional development and port options (including Legendre and Dolphin Islands). Legendre Island, though listed for future development, was considered the most unsuitable port facility due to its high capitalisation cost (Pilbara Deepwater Ports Study).</li> <li>• The infrastructure corridor is not included as a land use area and is not desirable.</li> <li>• 60% of Peninsula allocated to conservation is disputed - more like 46%</li> </ul>	<ul style="list-style-type: none"> <li>• Beyond the scope of the present Plan.</li> <li>• The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• The Plan allocates 62% of the Peninsula to the Conservation, Heritage and Recreation area.</li> </ul>
5	<ul style="list-style-type: none"> <li>• Industry is favoured above all other values and there is no indication of the type or amount of industries wanting to locate on the Burrup.</li> <li>• The industry and development representation on the Management Advisory Board outweighs community representation.</li> <li>• Tourism and recreation may not flourish in an industrial climate where natural flora and fauna is likely to suffer.</li> <li>• Regional context is missing.</li> <li>• The division of the Burrup into two land use zones is not appropriate and not a balanced representation of all interests.</li> <li>• Buffer zones may exclude uses in conservation or recreation areas.</li> <li>• The Hamersley Iron lease is not wholly utilised. This would be a far more acceptable area for industrial expansion.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan indicates that industrial areas are reserved for strategic and support industries.</li> <li>• An Implementation Group is proposed which has no industrial representation. The proposed Group will be responsible for overseeing land tenure, vesting and management arrangements.</li> <li>• Management objectives and policy statements in the Plan for industrial areas require developments to minimise impacts on the Conservation, Heritage and Recreation Area.</li> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the plan. Further research on the local environment and heritage of Conzinc South is required ahead of the environmental impact assessment of any development.</li> <li>• The Plan recognises that recreational use of Holden Beach is inconsistent with the proposed industrial use of Burrup West.</li> <li>• Discussions are to be held with leaseholders on the Peninsula with a view to optimising the use of lease areas.</li> </ul>



SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
5 contd	<ul style="list-style-type: none"> <li>• Light industry areas should not be designated on the Peninsula.</li> <li>• Current and future industries occupying the Burrup should allocate funds for management of the Peninsula.</li> <li>• The infrastructure corridor will terminate at Legendre Island, and will have to traverse Dolphin Island which at present is an "A" class reserve.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan specifies that industrial areas are reserved for strategic and support industries.</li> <li>• This issue will be addressed during the management planning process.</li> <li>• The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> </ul>
6	<ul style="list-style-type: none"> <li>• In general the Plan is a well balanced document.</li> <li>• The installation of an Aboriginal Heritage and Flora and Fauna Interpretive Centre should be a priority.</li> <li>• Snorkelling in Searipple Passage is another tourism opportunity that is not alluded to in the document.</li> <li>• The concept of walk trails between places of significance is supported.</li> </ul>	<ul style="list-style-type: none"> <li>• Noted but the Draft plan has been substantially amended to increase the Conservation, Heritage and Recreation Area.</li> <li>• The Plan includes a capital works program which provides for the development an Aboriginal culture and environmental interpretative centre.</li> <li>• This issue will be addressed during the preparation of detailed management plans.</li> <li>• The Plan includes a capital works program which provides for walk trails.</li> </ul>
7	<ul style="list-style-type: none"> <li>• Fauna survey data presented in the Draft Plan is inadequate for decision making.</li> <li>• The Draft Plan has definite objectives in procuring land for industries but has no substantive goals in terms of biodiversity, conservation, archaeological heritage, tourism or recreation.</li> <li>• Proposed industrial land use around Conzinc Bay would reduce recreational amenity in that area and impact the marine environment.</li> </ul>	<ul style="list-style-type: none"> <li>• Detailed management plans will address the issue of lack of environmental information. All developments will undergo environmental impact assessment which will require detailed environmental information.</li> <li>• Management objectives and policy statements to protect environmental values have been developed for the Conservation, Heritage and Recreation Area.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area. The Plan requires developments at Conzinc South to minimise impacts on the marine environment and recreation.</li> </ul>
8	<ul style="list-style-type: none"> <li>• Generally supports the Draft Plan but recommends the inclusion of Conzinc Bay into the industry zone to connect the two industry zones of Conzinc North and Conzinc South.</li> <li>• Supports vesting the Conservation Zone in the National Parks and Nature Conservation Authority for management by CALM but would not favour all the Zone becoming an "A" class reserve or having national park status for anything other than very restricted areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> <li>• Issues of land tenure and vesting and management will be addressed by the proposed Implementation Group. These issues will need to be discussed with the NNMJ Land Council*.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
9	<ul style="list-style-type: none"> <li>• Proposed industrial use of Burrup North is inconsistent with its heritage values as recognised by the existing and proposed boundaries for the National Estate and protected areas under the Aboriginal Heritage Act.</li> <li>• Area between Withnell and Conzinc Bays has been subject to only limited aboriginal heritage surveys. Industrial use must be accompanied by appropriate mitigative surveys.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> <li>• Further research on the local environment and heritage of Conzinc South is required ahead of the environmental impact assessment of any development.</li> </ul>
10	<ul style="list-style-type: none"> <li>• The focus on the Peninsula in isolation from the region limits the value of the study and applicability of its conclusions.</li> <li>• Conzinc North contains high aboriginal cultural values and is listed or proposed for listing in the National Estate register and protected under the Aboriginal Heritage Act 1972. The infrastructure corridor through the proposed conservation zone could have adverse impacts on National Estate values of the Dampier Archipelago.</li> <li>• Supports the recommendation that the Peninsula be treated as an island for management planning purposes. Decisions about management appear to have been made without comprehensive resource information and detailed planning.</li> <li>• Conzinc South has significant aboriginal sites which could be impacted by future development proposals.</li> <li>• Tourism has the potential to have negative as well as positive impacts on heritage values. It is strongly recommended that negotiations be carried out with both the relevant Aboriginal communities and the Department of Aboriginal Sites.</li> <li>• Construction of interpretation centres, the preparation of education materials and the monitoring of tourism impacts should be given a higher priority.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• Preparation of detailed management plans will address issues of lack of resource information for management.</li> <li>• Further research on the local environment and heritage of Conzinc South is required ahead of the environmental impact assessment of any development.</li> <li>• Management objectives and policy statements for this Plan require protection of values. Detailed management planning and detailed environmental impact assessment of development will also address these issues.</li> <li>• The Plan contains a capital works program for the next four years and interim management funding to address these matters.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
11	<ul style="list-style-type: none"> <li>• The area north of the current industrial development at Withnell Bay should be designated as an "A" Class reserve and a World Heritage Area.</li> <li>• Expansion of industry in Dampier/Karratha area should be evaluated in an integrated manner and in a regional context.</li> <li>• The proposed industry North and South of Conzinc Bay intrude on National Estate listed areas and are therefore unacceptable.</li> <li>• The biological values of the Burrup have not been fully assessed and the full impact of industrial re-zoning are not known. The existence of rare and endangered species precludes siting of industry.</li> <li>• The cost benefits of maintaining the Burrup as an "A" Class reserve and the comparative short term benefit of siting industry should be presented for public scrutiny.</li> <li>• Conzinc Bay is an internationally important coral reef area and is listed in the Representative Marine Reserves for WA.</li> <li>• The service corridor is totally unacceptable and will create a barrier to movement of fauna and isolate the western coast area from the rest of the Peninsula.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area but industrial uses are retained in Conzinc South. Issues of land tenure and vesting will be addressed by the proposed Implementation Group. These issues will be discussed with the NNMJ Land Council*.</li> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> <li>• Detailed studies of the local environment will be required as part of the environmental impact assessment process to determine environmental acceptability of developments.</li> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• Further research on the local environment and heritage of Conzinc South is required ahead of the environmental impact assessment of any development.</li> <li>• The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> </ul>
12	<ul style="list-style-type: none"> <li>• The plan is focused on the Burrup rather than looking at the Pilbara Region as a whole.</li> <li>• The Draft Plan should be rejected and the Burrup assessed by an independent body with no vested interest.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• The Draft Plan has been amended to increase land for conservation. The EPA which is an independent agency reviewed and provided advice on the Draft Plan.</li> </ul>
13	<ul style="list-style-type: none"> <li>• Allocate Conzinc North to conservation zone.</li> <li>• Suitability of Conzinc South for industrial use be determined after further surveys.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> <li>• Further research on the local environment and heritage of Conzinc South is required ahead of the environmental impact assessment of any development.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
13 contd	<ul style="list-style-type: none"> <li>• Exclude the infrastructure corridor north of Conzinc Bay.</li> <li>• Review Agreement Act leases to optimise land usage.</li> <li>• Undertake investigations of potential impacts of industry on King Bay mangroves.</li> <li>• Endorses interim management arrangements for industrial areas and supports preparation of a detailed management plan for the conservation zone.</li> <li>• Environmental guidelines should be prepared for future industry.</li> </ul>	<ul style="list-style-type: none"> <li>• The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• Discussions will be held with leaseholders on the Peninsula with a view to optimising the use of existing lease areas.</li> <li>• Management objectives and policy statements in the Plan require the protection of the King Bay mangrove community.</li> <li>• The Plan contains a budget for interim management by CALM. Detailed management plans will be prepared by the responsible management agencies.</li> <li>• Management objectives and policy statements indicating permitted uses and environmental criteria for development are included in the Plan.</li> </ul>
14	<ul style="list-style-type: none"> <li>• Supports the development and implementation of a management plan.</li> <li>• Tourism representation on the Burrup Peninsula Advisory Board is considered necessary.</li> </ul>	<ul style="list-style-type: none"> <li>• Noted but substantial amendments have been made to the Draft plan.</li> <li>• Issues of land tenure, vesting and management and future advisory bodies will be addressed by the proposed Implementation Group.</li> </ul>
15	<ul style="list-style-type: none"> <li>• The Conzinc North and Conzinc South industrial areas as well as the infrastructure corridor should be excluded from the Plan and there should be no Port facilities at the end of the Peninsula.</li> <li>• The maintenance of the area's integrity is critical because of it's proximity to populations and its future value to tourism and future population of the area.</li> <li>• King Bay/Hearson Cove industry should be further limited.</li> <li>• Training and employment of aboriginal people in management.</li> <li>• Protect major aboriginal sites in industry zones.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• Management objectives for the Conservation, Heritage and Recreation Area include the maintenance and enhancement of conservation, heritage and recreation values.</li> <li>• Industrial development In the King Bay - Hearson Cove industrial area are required to minimise impacts on values of adjoining areas.</li> <li>• The employment of aboriginal people is supported and will be considered by management agencies.</li> </ul> <p>Management objectives or policy statements for Conzinc South, Withnell East and Burrup West require, as far as possible, the preservation of significant sites.</p>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
16	<ul style="list-style-type: none"> <li>• Natural assets of Conzinc North and Conzinc South and the surrounding marine environment and scenic views of the King Bay/Hearson Cove area will be lost to heavy industry. The "conceptual corridor" gives access to the A-Class reserve on Dolphin Island and lies across areas both currently listed and proposed for the National Estate Register.</li> <li>• Scientific research on flora and fauna of the Burrup and studies into Aboriginal Heritage sites are still incomplete.</li> <li>• Development of Conzinc South will require infrastructure corridors that will seriously compromise values.</li> <li>• Part of Withnell East has been identified as worthy of inclusion on the National Estate.</li> <li>• Recreation opportunities are limited on the Peninsula and should be provided on the east and west coasts.</li> <li>• Adjacent Leases should be taken into consideration such as the under utilised Hamersley Iron Lease.</li> <li>• There is no reference in the report to the requirements for water and buffer and safety zones for industry.</li> <li>• The Draft Plan should be retitled to "Draft Land Use Plan".</li> <li>• The Draft Plan has not addressed the issue of management funding.</li> <li>• Submissions to the Burrup Peninsula Draft Land Use and Management Plan should be made public.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan. Development in King Bay - Hearson Cove will be required to minimise visual impacts.</li> <li>• Detailed studies of the local environment will be required as part of the environmental impact assessment process to determine environmental acceptability of developments.</li> <li>• Further research on the local environment and heritage of Conzinc South is required ahead of the environmental impact assessment of any development.</li> <li>• This area has been excluded from Withnell East.</li> <li>• Management objectives and policy statements for the Conservation, Heritage and Recreation area provide for recreational opportunities on both sides of the Peninsula.</li> <li>• Discussions will be held with leaseholders on the Peninsula with a view to optimising the use of lease areas.</li> <li>• This will be addressed during detailed management planning and the environmental impact assessment of developments.</li> <li>• The Plan has been retitled to "Burrup Peninsula Land Use Plan and Management Strategy"</li> <li>• The Plan contains proposals for interim funding for management by CALM while longer term land tenure and vesting arrangements are addressed by the proposed Implementation Group.</li> <li>• This summary of issues raised in submissions is publicly available.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
17	<ul style="list-style-type: none"> <li>• Implications of further industrial development in the Dampier/Burrup area should be investigated and the Dixon Island/Cape Lambert node for future integrated industrial development should be considered as an alternative.</li> <li>• Further industrial expansion should be limited to a west-coast in-fill concept between King Bay and Withnell Bay (Burrup West) and perhaps adjacent to Dampier (eg Industrial South).</li> <li>• The extensive mangrove area fronting Nickol Bay and adjoining Dampier Salt's operations should be protected from development.</li> <li>• All future development proposals in the Dampier/Burrup area should continue to have their likely impacts on the environment formally assessed by the EPA.</li> <li>• The State Government should strongly support moves to provide adequate shipping ballast water management in Australian marine areas to avoid the introduction and spread of exotic marine organisms.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan requires further research on the local environment of Conzinc South ahead of the environmental impact assessment of any development.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan. Industrial use is retained in Conzinc South.</li> <li>• Assessment of environmental management measures will be required as part of the environmental impact assessment process to determine environmental acceptability of developments.</li> <li>• The Plan contains an upfront statement which indicates all developments will require formal environmental approval.</li> <li>• Beyond the scope of the Plan.</li> </ul>
18	<ul style="list-style-type: none"> <li>• The report and recommendations are supported.</li> </ul>	<ul style="list-style-type: none"> <li>• Noted but substantial amendments have been made to the Draft Plan.</li> </ul>
19	<ul style="list-style-type: none"> <li>• Since the release of the Draft Plan further applications for land make a mockery of the 40% for industry and 60% for conservation. Development of Conzinc North and South will affect aboriginal sites.</li> <li>• The opinions of all residents must be considered before a final decision is made on the Plan.</li> <li>• Impacts on wildlife habitats should have been assessed in this Plan.</li> <li>• Other alternatives for industry location have not been examined.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted.</li> <li>• Substantial amendments to the Draft Plan have been made following receipt of public comment.</li> <li>• Detailed studies of the local environment will be required as part of the environmental impact assessment process to determine environmental acceptability of developments.</li> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context. Discussions are to be held with leaseholders on the Peninsula with a view to optimising the use of lease areas.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
19 contd	<ul style="list-style-type: none"> <li>• Environmental impact has not been addressed.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan contains an upfront statement indicating that formal environmental approval for developments will be required.</li> </ul>
20	<ul style="list-style-type: none"> <li>• Supports the Draft Plan except the proposed development of Conzinc North as an industrial area. The area is listed on the National Estate and contains important concentrations of Aboriginal sites, vegetation communities and high quality beaches.</li> <li>• The LNG pipeline may limit vessel access and associated dredging would disturb valuable coral colonies.</li> <li>• Conzinc Island is internationally significant and Conzinc Bay may be included in a future Dampier Archipelago Marine Park.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> <li>• The Plan requires development to minimise impacts on the marine environment.</li> <li>• As above</li> </ul>
21	<ul style="list-style-type: none"> <li>• The proposed Conzinc South and Conzinc North industrial zones are not acceptable and the transport corridor is not required.</li> <li>• Companies with leases on the Peninsula should make their excess land available to other expanding industries.</li> <li>• The area should be appropriately managed.</li> <li>• Recreational activities which do not interfere with the natural environment should be encouraged.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• Discussions are to be held with leaseholders on the Peninsula with a view to optimising the use of lease areas.</li> <li>• Interim management will be carried out by CALM land while long term management arrangements are addressed by the proposed Implementation Group.</li> <li>• Management objectives and policy statements specify acceptable activities for the Conservation, Heritage and Recreation Area.</li> </ul>
22	<ul style="list-style-type: none"> <li>• Other development options for heavy industry sites outside the Burrup have not been considered.</li> <li>• The Burrup is of both national and international significance for it's unique flora diversity and Aboriginal heritage.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan. Further research on the local environment and heritage of Conzinc South is required ahead of the environmental impact assessment of any development.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
22 contd	<ul style="list-style-type: none"> <li>The Burrup Peninsula should be a fully protected World Heritage site and/or a National Park jointly managed by the State and the Aboriginal custodians of the Burrup.</li> </ul>	<ul style="list-style-type: none"> <li>Issues of land tenure and vesting will be addressed by the proposed Implementation Group. These issues will be discussed with the NNMJ Land Council*.</li> </ul>
23	<ul style="list-style-type: none"> <li>Cliffs should be designated as an adventure climbing zone. Members are prohibited from using any fixed protection that interferes with the natural environment.</li> </ul>	<ul style="list-style-type: none"> <li>Rock climbing will be addressed during the preparation of detailed management plans.</li> </ul>
24	<ul style="list-style-type: none"> <li>The Burrup should not be developed but left in its natural state. The development of the proposed North-South corridor will divide the Burrup and could result in the carnage of wildlife crossing the transport corridor.</li> </ul>	<ul style="list-style-type: none"> <li>Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> </ul>
25	<ul style="list-style-type: none"> <li>Include Aboriginal interests in the management process and representation in the governing body for the Aboriginal Heritage and Conservation Zone (in addition to employment of an Aboriginal ranger).</li> <li>The conservation area should be an "Aboriginal Heritage and Conservation Zone".</li> </ul>	<ul style="list-style-type: none"> <li>The Plan establishes a process of discussion between the NNMJ Land Council* and the proposed Implementation Group to resolve tenure, vesting and management issues.</li> <li>The conservation area has been retitled "Conservation, Heritage and Recreation area."</li> </ul>
26	<ul style="list-style-type: none"> <li>The Plan is supported.</li> <li>The "Jina" Aboriginal Group have given notice of their intention to lodge a claim to an area of land which encompasses the Burrup Peninsula.</li> </ul>	<ul style="list-style-type: none"> <li>Noted but substantial amendments have been made to the Draft Plan to increase the area in the Conservation, Heritage and Recreation area.</li> <li>The proposed Implementation Group will address issues of land tenure.</li> </ul>
27	<ul style="list-style-type: none"> <li>See No 3</li> </ul>	
28	<ul style="list-style-type: none"> <li>The balance between land use zones needs to be reconsidered and to classify four land uses under the one zone is incorrect and does not allow balance between all competing interests.</li> <li>Conzinc North and South should not be developed.</li> <li>Management of the Burrup Peninsula is vital to industry, Aboriginal heritage, tourism and recreation and should be immediately vested with NPNCA.</li> </ul>	<ul style="list-style-type: none"> <li>The Plan contains management objectives and policy statements for policy areas specifying permitted uses and environmental criteria for development.</li> <li>Conzinc North has been included in the Conservation, Heritage and Recreation Area. Further research is required on the local environment and heritage of Conzinc South ahead of the environmental impact assessment of any development</li> <li>An Implementation Group is proposed to address future land tenure, vesting and management. Interim management will be the responsibility of CALM.</li> </ul>



SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
28 contd	<ul style="list-style-type: none"> <li>• Conzinc Bay should remain as a recreation area and high priority should be given to the development of amenities where tourist and recreation zonings are identified.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan proposes a capital works program for the development of recreation facilities at Conzinc Bay.</li> </ul>
29	<ul style="list-style-type: none"> <li>• Provide locations for extractive industries and existing and pending mining tenements on the Burrup.</li> </ul>	<ul style="list-style-type: none"> <li>• Noted</li> </ul>
30	<ul style="list-style-type: none"> <li>• The Pilbara Regiment conducts routine patrols of the region and there is a requirement for other Australian Defence Force units to exercise protective operations in the area.</li> <li>• The Department of Defence leases an area of Crown Land in the "Industrial South" industrial area as a rifle range and intends to acquire and upgrade the range to military specifications.</li> </ul>	<ul style="list-style-type: none"> <li>• CALM and the Department of Defence will liaise on such matters to ensure values of the Peninsula are protected.</li> <li>• Discussions to be held with the Department of Defence about relocation of the rifle range in the event that the use of the range conflicts with industrial uses.</li> </ul>
31	<ul style="list-style-type: none"> <li>• No comments made on the Plan.</li> </ul>	<ul style="list-style-type: none"> <li>• No action</li> </ul>
32	<ul style="list-style-type: none"> <li>• Concerned about the destruction of significant Aboriginal rock art sites.</li> <li>• No need for industrial corridor through northern Burrup Peninsula.</li> <li>• Need to protect areas of international significance.</li> </ul>	<ul style="list-style-type: none"> <li>• The vision of the Plan includes the preservation of cultural heritage while meeting the strategic industrial needs of the State.</li> <li>• The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> </ul>
33	<ul style="list-style-type: none"> <li>• Further industrial development be excluded from the Burrup Peninsula and other areas of land should be considered for industry.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan. Further research is required on the local environment of Conzinc South ahead of the environmental impact assessment of development.</li> </ul>
34	<ul style="list-style-type: none"> <li>• The high industrial values of the Burrup are in conflict with the high conservation, aesthetic, recreational, and historical human cultural heritage values. No further industrial development of any kind should be allowed to proceed.</li> <li>• Alternatives have not been considered for the industrial expansion of the area.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted.</li> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
35	<ul style="list-style-type: none"> <li>• Industrial development could destroy the Burrup's ecological balance and natural barriers to pests such as feral cats and rats. Opposed to any further extension of industry.</li> <li>• Rationalise existing leases to open land for industrial development south of the LNG site.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted.</li> <li>• Discussions are to be held with leaseholders on the Peninsula with a view to optimising the use of lease areas.</li> </ul>
36	<ul style="list-style-type: none"> <li>• The Burrup Peninsula is part of the land claimed by the Ngarluma and Injibarndi people. The Injibarndi and Ngarluma people do not agree that adequate consultation was held with them in preparation of the Draft Plan and do not agree with the proposed outcomes.</li> </ul>	<ul style="list-style-type: none"> <li>• The issue of land tenure and vesting will be the subject of discussion between the proposed Implementation Group and the NNMJ Land Council*.</li> </ul>
37	<ul style="list-style-type: none"> <li>• The terms of reference are limited.</li> <li>• The Draft Plan should be assessed by EPA.</li> <li>• The diverse flora will be susceptible to invasion from exotic weed species and migratory birds may be threatened by unmanaged recreation. Current damage to recreation areas is due to ignorance of people and lack of management.</li> <li>• The infrastructure corridor would have to pass through Dolphin Island which is a nature reserve. Its inclusion in the plan is not supported.</li> <li>• The Burrup provides a unique opportunity to preserve an area that is recognised as having the most important concentrations of rock art in the world.</li> <li>• Expansion of industry would take away the few recreational beaches available to residents in the area.</li> <li>• Development on head lands of Conzinc Bay should not be allowed and dredging has a high impact on corals.</li> <li>• Concerns raised by the community were largely ignored or noted under duress.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• The EPA have provided public advice on the Draft Plan.</li> <li>• The Plan proposes a budget for interim management by CALM. Detailed management plans will be prepared by the responsible management agencies.</li> <li>• The infrastructure corridor north of Withnell Bay has been deleted.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area. Further research is required on the local environment and heritage of Conzinc South ahead of the environmental impact assessment of any development to determine environmental acceptability.</li> <li>• The Plan proposes development of recreation facilities at Conzinc Bay.</li> <li>• Further research is required on the local environment and heritage of Conzinc South ahead of the environmental impact assessment of any development to determine environmental acceptability.</li> <li>• Substantial amendments to the Draft Plan have been made following receipt of public comment.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
37 contd	<ul style="list-style-type: none"> <li>• The draft plan puts land use into two categories only, industry as one, and conservation, tourism, Aboriginal heritage and recreation under "conservation".</li> <li>• The impact of support industries is not considered fully enough.</li> <li>• The Plan does not address any impacts of industries that are already present on the Burrup.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan contains management objectives and policy statements for all policy areas which specify permitted uses and environmental criteria for development.</li> <li>• Detailed studies of the local environment and heritage and assessment of environmental management measures will be required as part of the environmental impact assessment process to determine environmental acceptability of developments.</li> <li>• Beyond the scope of the Plan. Existing industry is subject to environmental protection legislation.</li> </ul>
38	<ul style="list-style-type: none"> <li>• The Burrup has been looked at in isolation, and other surrounding areas suitable for heavy industry development have not been considered.</li> <li>• The proposed infrastructure corridor and industrial development at Conzinc North and South is inappropriate.</li> <li>• Inadequate information is available on natural and heritage values of the Peninsula.</li> <li>• The public needs to be aware of the Burrup attributes before entering the area.</li> <li>• The proposed management will be inadequate and management of the Conservation Zone and Aboriginal and heritage sites should be a high priority and recognise tourism.</li> </ul>	<ul style="list-style-type: none"> <li>• The plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• Plan requires further research on the local environment of Conzinc South ahead of the environmental impact assessment of any development.</li> <li>• Entry statements to the Peninsula and an Aboriginal cultural and environmental interpretative centre are proposed in the Plan.</li> <li>• These issues will be considered further during the preparation of detailed management plans. A budget is proposed for interim management by CALM.</li> </ul>
39	<ul style="list-style-type: none"> <li>• The availability of land in the Burrup Peninsula for further industrial development is acknowledged.</li> <li>• Camping sites should be removed in the long term from Holden Point as having the sites officially noted may encourage unrealistic expectations.</li> </ul>	<ul style="list-style-type: none"> <li>• Noted but substantial amendments to the Draft plan have been made.</li> <li>• The Plan acknowledges that the recreational use of Holden Beach is inconsistent with future industrial use of Burrup West.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
40	<ul style="list-style-type: none"> <li>• Reject any further development north of the current industrial development at Withnell Bay and is opposed to the service corridor.</li>   <li>• The Land Use and Management Plan should be subject to full and formal environmental assessment by the Environmental Protection Authority.</li>   <li>• Development in the Karratha/Dampier area should be approached in a comprehensive regional context with community input and development of alternatives.</li>   <li>• The Burrup Peninsula is the world's most significant rock art site and should be preserved.</li>   <li>• Conzinc Bay is recognised as an internationally important coral reef and industry will adversely impact it.</li>   <li>• The area north of Withnell Bay should be protected as a National Park.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted. Further research is required on the local environment and heritage of Conzinc South ahead of the environmental impact assessment to determine environmental acceptability of any development.</li>   <li>• The EPA has provided public advice on the Draft Plan.</li>   <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li>   <li>• Management objectives and policy statements inserted in the Plan for the Conservation, Heritage and Recreation Area recognise the need to preserve these values.</li>   <li>• Detailed studies of the local environment and assessment of environmental management measures will be required as part of the environmental impact assessment process to determine environmental acceptability of developments.</li>   <li>• Issues of land tenure and vesting will be addressed by the proposed Implementation Group. These issues will be discussed with the NNMJ Land Council*.</li> </ul>
41	<ul style="list-style-type: none"> <li>• The study did not consider the potential for industrial development within the whole of the Pilbara Region.</li>   <li>• Industrial development in Conzinc Bay could result in significant environmental impacts.</li>   <li>• The infrastructure corridor leading to the north of the Burrup Peninsula may not be environmentally acceptable.</li> </ul>	<ul style="list-style-type: none"> <li>• The plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li>   <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li>   <li>• The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
41 contd	<ul style="list-style-type: none"> <li>• There are a range of potential environmental impacts which have not been considered to establish the acceptability of specific land use allocations.</li> </ul>	<ul style="list-style-type: none"> <li>• Detailed studies of the local environment will be required as part of the environmental impact assessment process to determine environmental acceptability. Further research is required on the local environment and heritage of Conzinc South ahead of the environmental impact assessment to determine environmental acceptability of any development.</li> </ul>
42	<ul style="list-style-type: none"> <li>• The Burrup Peninsula contains the largest amount of rock carvings in the world and is of international interest and should be nominated to World Heritage status.</li> <li>• Conservation of rock art should be given greater consideration and all untenanted land should be returned to the Aboriginal community (Jaburara), with a provision that it is released as a National Park but retained as a traditional land.</li> <li>• Recommend the appointment of a rock art ranger.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> <li>• The importance of aboriginal heritage is recognised in the retitling of the conservation area to "Conservation, Heritage and Recreation Area". Vesting and land tenure issues will be examined by the proposed Implementation Group.</li> <li>• Interim management and appointment of rangers will be undertaken by CALM.</li> </ul>
43	<ul style="list-style-type: none"> <li>• Strong objections to the Conzinc North industrial zone and infrastructure corridor which are located over an area listed on the National Estate known as "Burrup Peninsula North Area" and gazetted as a Protected Area under the Aboriginal Heritage Act.</li> <li>• The area immediately south of the Burrup Peninsula North, Withnell Bay South and Watering-Cowrie Coves have been nominated to the Registrar of the National Estate, and are in the process of being established as Protected Areas under the Aboriginal Heritage Act.</li> <li>• A systematic survey of the area of the proposed industrial zones for Aboriginal cultural heritage should be completed before developments proceed.</li> <li>• Endorses the recommendation for Aboriginal people to be employed as rangers and agrees that management of Aboriginal sites, recreation and tourism be given high priority.</li> </ul>	<ul style="list-style-type: none"> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area and the infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• The Plan has incorporated these areas in the Conservation, Heritage and Recreation Area.</li> <li>• Detailed studies of the local environment and heritage and assessment of environmental management measures will be required as part of the environmental impact assessment process to determine environmental acceptability of developments.</li> <li>• Noted</li> </ul>
44	<ul style="list-style-type: none"> <li>• The management of Aboriginal sites be implemented immediately.</li> </ul>	<ul style="list-style-type: none"> <li>• The plan proposes interim management by CALM. Detailed management plans will be prepared by the responsible management agency(s).</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
44 contd	<ul style="list-style-type: none"> <li>• The construction of an Aboriginal and Environmental Interpretation Centre (also using the stored Aboriginal rock art from Hearson Village) should become a high priority.</li> <li>• The report is a well balanced outcome.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan proposes the interpretative centre to be constructed within three years.</li> <li>• Noted but substantial amendments to the Draft Plan have been made.</li> </ul>
45	<ul style="list-style-type: none"> <li>• The Plan should be part of a broader strategic regional plan and other areas of land should have been looked at as alternative sites for industry.</li> <li>• Industrial development at Conzinc Bay is not supported and developments at Conzinc South should be confined to the southern side of the ridge.</li> <li>• The "conceptual corridor" appears unjustified.</li> <li>• Portion of Withnell East proposed for National Estate should be excluded from this industrial area.</li> <li>• King Bay/Hearson Cove supra tidal flats should be zoned for conservation and recreation or otherwise protected.</li> <li>• The Plan does not indicate the necessary infrastructure required to construct and operate industrial sites in the Conzinc North and South areas.</li> <li>• The Plan does not state the types of proposed industry which would be acceptable on the Burrup Peninsula.</li> <li>• Industrial developments on the Peninsula should be restricted to those industries for which proximity to port facilities is essential.</li> <li>• Light industrial land use should not be permitted on the Burrup.</li> <li>• Appropriate management boundaries should be defined.</li> </ul>	<ul style="list-style-type: none"> <li>• The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>• Conzinc North has been included in the Conservation, Heritage and Recreation Area. Further research is required on the local environment of Conzinc South ahead of the environmental impact assessment to determine the environmental acceptability of any development.</li> <li>• The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>• This area has been excluded from Withnell East.</li> <li>• Management objectives and policy statements have been included in the Plan to protect the King Bay mangrove community.</li> <li>• The Plan provides a notional indication of road access to recreational facilities at Conzinc Bay and industry at Conzinc South.</li> <li>• Management objectives and policy statements are provided for all policy areas indicating permitted uses and environmental criteria for development.</li> <li>• The Plan specifies that coastal industrial areas are reserved for strategic industrial development requiring adjacent port facilities or separation from other activities.</li> <li>• The Plan indicates that industrial areas are only for strategic and support industry.</li> <li>• Issues of land tenure and vesting will be addressed by the proposed Implementation Group. These issues will need to be discussed with the NNMJ Land Council*.</li> </ul>

SUB No	• ISSUE SUMMARY	• ACTION/RESPONSE
45 contd	<ul style="list-style-type: none"> <li>The Draft Plan is not a management plan, and should be retitled as "Burrup Peninsula Draft Land Use Plan".</li> </ul>	<ul style="list-style-type: none"> <li>The Plan has been retitled to "Burrup Peninsula Land Use Plan and Management Strategy".</li> </ul>
46	<ul style="list-style-type: none"> <li>The Burrup should not have been assessed in isolation but rather as part of a broader regional plan.</li> <li>The infrastructure corridor has the potential to contribute to inappropriate use of the island nature reserves.</li> <li>The development of Conzinc North could adversely effect the recreational potential of Conzinc Bay, pose a threat to areas of Aboriginal significance and could threaten the conservation values of marine life in the sensitive Searipple Passage.</li> <li>The area of supra-tidal flats between Hearsons Cove and King Bay should be a protected.</li> <li>Industrial development should be confined to the southern side of Withnell Bay for landscape reasons.</li> <li>Part of Withnell East has been identified as a possible addition to the National Estate listings of the Burrup.</li> <li>Landscape values of industrial south should be preserved.</li> <li>Adequate land management funding be provided to meet community expectations.</li> <li>The Draft Plan should not be seen to preclude the need for environmental assessment for specific projects.</li> </ul>	<ul style="list-style-type: none"> <li>The Plan is a revision of the land use plan in the Pilbara 21 Strategy which placed Pilbara land use planning in a regional context.</li> <li>The infrastructure corridor north of Withnell Bay has been deleted from the Plan.</li> <li>Conzinc North has been included in the Conservation, Heritage and Recreation Area.</li> <li>Management objectives and policy statements have been included in the Plan to protect the King Bay mangrove community.</li> <li>Further research is required on the local environment and heritage of Conzinc South ahead of the environmental impact assessment to determine the environmental acceptability any development.</li> <li>This area has been excluded from Withnell East.</li> <li>A policy statement has been included for this area requiring landscape impact to be taken into account in the design of developments.</li> <li>The Plan proposes interim funding for management by CALM.</li> <li>The Plan now contains an upfront statement to this effect.</li> </ul>
47	<ul style="list-style-type: none"> <li>Quarrying is an established land-use in the area and there is an immediate and long-term requirement for the quarried product.</li> <li>Proposed quarry operations have been carefully planned to avoid adverse environmental impacts and minimise visual impact.</li> </ul>	<ul style="list-style-type: none"> <li>Management objectives for the Central Burrup (Policy Area 2) in the Conservation, Heritage and Recreation Area provide for the protection of basic raw materials.</li> <li>Noted</li> </ul>

\*Nanga-Ngoona Moora-Joorga Land Council

