



## Additional Information Request



| ADDITIONAL INFORMATION REQUIRED  | SECTION ADDRESSING |  |
|--|--------------------|--|
| Relevant matters of national environmental significance·   |                    |  |
| From the information provided to date, the Department considers that the protected matters that may be significantly impacted by the proposed action include, but are not limited to:            |                    |  |
| Listed threatened species and communities  |                    |  |
| Banksia Woodlands of the Swan Coastal Plain Threatened Ecological<br>Community – Endangered  | 2.4.1, 3.1.1       |  |
| Clay Pans of the Swan Coastal Plain Threatened Ecological Community –     Critically Endangered  | 2.4.3, 3.1.3       |  |
| <ul> <li>Tuart (Eucalyptus gomphocephala) Woodlands and Forests of the Swan<br/>Coastal Plain Threatened Ecological Community – Critically Endangered</li> </ul>                                 | 2.4.2, 3.1.2       |  |
| • Forest Red-tailed Black Cockatoo (Calyptorhynchus banksii naso) – Vulnerable   | 2.5.1, 3.2.1       |  |
| Baudin's Cockatoo ( <i>Calyptorhynchus baudinii</i> ) – Endangered   | 2.5.1, 3.2.1       |  |
| Carnaby's Cockatoo ( <i>Calyptorhynchus latirostris</i> ) – Endangered   | 2.5.1, 3.2.1       |  |
| Western Ringtail Possum (Pseudocheirus occidentalis) – Critically Endangered   | 2.5.2, 3.2.2       |  |
| Black-stripe Minnow (Galaxiella nigrostriata) – Endangered   | 2.5.3, 3.2.3       |  |
| King Spider-orchid (Caladenia huegelii) – Endangered   | 2.6.1, 3.3.1       |  |
| Tall Donkey Orchid (Diuris drummondii) – Vulnerable  | 2.6.2, 3.3.2       |  |
| Dwarf Bee-orchid (Diuris micrantha) – Vulnerable   | 2.6.3, 3.3.3       |  |
| Glossy-leafed Hammer Orchid ( <i>Drakaea elastica</i> ) – Endangered   | 2.6.4, 3.3.4       |  |
| Dwarf Hammer-orchid ( <i>Drakaea micrantha</i> ) – Vulnerable  | 2.6.5, 3.3.5       |  |
| Keighery's Eleocharis (Eleocharis keigheryi) – Vulnerable  | 2.6.6, 3.3.6       |  |
| Although not referred to in the controlled action decision letter dated 7 February 2020, the Department considers the following protected matters could also be impacted by the proposed action: |                    |  |
| • Selena's Synaphea ( <i>Synaphea</i> ap. Fairbridge Farm) – Critically Endangered   | 2.6.7, 3.3.7       |  |
| Austrostipa jacobsiana – Critically Endangered   | 2.6.8, 3.3.8       |  |
| Austrostipa bronwenae – Endangered   | 2.6.8, 3.3.8       |  |
| 1 - Description of the action  |                    |  |
| The preliminary documentation must provide a description of the proposed action, including:  |                    |  |
| <ul> <li>A summary of all components / phases of the proposed action, including<br/>construction, operational and (if relevant) decommissioning</li> </ul>                                       | 1.3.2              |  |
| The activities associated with each phase of the proposed action   | 1.3.3              |  |



| ADDITIONAL INFORMATION REQUIRED  | SECTION ADDRESSING  |
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| <ul> <li>The location, boundaries and size (in hectares) of the proposed action area,<br/>any discrete disturbance areas, and any adjoining areas which may be directly<br/>or indirectly impacted by the proposed action, including nearby habitat and<br/>areas for stockpiles, vehicle access and associated activities</li> </ul>  | 1.3.3   |
| A layout plan for the proposed action area, including the location and type of land use, key infrastructure, etc.  | 1.3.1   |
| <ul> <li>The anticipated timing and duration (including start and completion dates) of<br/>each component of the proposed action, and associated impacts</li> </ul>  | 1.3.5   |
| A description of operational requirements of the action including any anticipated maintenance works  | 1.3.5   |
| A description and likely timing of any rehabilitation activities associated with<br>the proposed action  | 1.3.4   |
| Any feasible alternatives to the action to the extent reasonably practicable, including, the alternative of taking no action, a comparative description of the impacts of each alternative on MNES and sufficient detail to make clear why any alternative is preferred to another. Short, medium and long-term advantages and disadvantages of the options should be discussed. | 1.3.6   |
| 2 – Description of the environment and matters of national environmental significant   | ance  |
| The preliminary documentation must provide a general description of the environm surrounding the proposed action area, in both the short and long term. Specific mat address include, but are not limited to:  | •   |
| <ul> <li>A description of any protected matters (including, but not limited to those<br/>listed above) that are, or have the potential to be, in the proposed action area<br/>and surrounds</li> </ul>   | 2.1   |
| A description of the current land use, topography, surface and groundwater bodies, waterways and vegetation communities within the proposed action area and surrounds  | Current land use: 2.2.1 Topography: 2.2.2 Groundwater: 2.2.7 Surface water and waterways: 2.2.8 Vegetation and flora: 2.2.9 |
| • For listed threatened species and communities that are known, or have the potential to be present within the proposed action area and surrounds and are likely to, or may be significantly impacted by the proposed action, a minimum of:  |   |



| ADDITION  | AL INFORMATION REQUIRED   | SECTION ADDRESSING            |
|---|---|-------------------------------|
| <ul> <li>Information on the abundance, distribution, ecology and habitat</li> </ul> | Banksia TEC: 2.4.1  |                               |
|   | preferences for each listed species or community  | Tuart TEC: 2.4.2              |
|   |   | Clay Pans TEC: 2.4.3          |
|   |   | Black Cockatoos: 2.5.1        |
|   |   | WRP: 2.5.2                    |
|   |   | BSM: 2.5.3                    |
|   |   | Flora: 2.6                    |
| 0   | Quantification of the extent of habitat and the number of individuals   | TEC: 3.1                      |
|   | likely to be impacted, or historical patterns of use by those species, within the proposed action area and surrounds (including mapping | Banksia TEC: 2.4.1, 3.1.1     |
|   | identifying known and / or potential habitat)   | Tuart TEC: 2.4.2, 3.1.2       |
|   |   | Claypans TEC: 2.4.3, 3.1.3    |
|   |   | Black Cockatoos: 2.5.1, 3.2.1 |
|   |   | WRP: 2.5.2, 3.2.2             |
|   |   | BSM: 2.5.3, 3.2.3             |
|   |   | Flora: 2.6, 3.3               |
|   |   | Appendix A (Figures)          |
| 0   | Assessment of the quality and importance of known or potential  | TEC: 3.1                      |
|   | habitat for the relevant listed species or community within the proposed action and surrounds   | Banksia TEC: 2.4.1, 3.1.1     |
|   | proposed action and surrounds   | Tuart TEC: 2.4.2, 3.1.2       |
|   |   | Claypans TEC: 2.4.3, 3.1.3    |
|   |   | Black Cockatoos: 2.5.1, 3.2.1 |
|   |   | WRP: 2.5.2, 3.2.2             |
|   |   | BSM: 2.5.3, 3.2.3             |
|   |   | Flora: 2.6, 3.3               |



| ADDITIONA   | AL INFORMATION REQUIRED   | SECTION ADDRESSING   |
|---|---|--|
| •   | Information detailing known populations or records of individuals within at least 2 km of the proposed action area and the size of these populations, if available  a) For mobile species such as black cockatoos, the Western Ringtail Possum and Black-stripe Minnow, population information and records of individuals must be considered at a relevant radius from the proposed action area   | Banksia TEC: 2.4.1<br>Tuart TEC: 2.4.2<br>Clay Pans TEC: 2.4.3<br>Black Cockatoos: 2.5.1<br>WRP: 2.5.2<br>BSM: 2.5.3<br>Flora: 2.6 |
| •   | An assessment of the adequacy of any surveys undertaken (including survey effort and timing). In particular, the extent to which these surveys were appropriate for the listed species or community and undertaken in accordance with relevant Departmental survey guidelines   | Banksia TEC: 2.4.1<br>Tuart TEC: 2.4.2<br>Clay Pans TEC: 2.4.3<br>Black Cockatoos: 2.5.1<br>WRP: 2.5.2<br>BSM: 2.5.3<br>Flora: 2.6 |
| and ass<br>surrour<br>the pro<br>and/or<br>collecte | ation about the methods, data and scientific literature used to identify sess the environmental values within the proposed action area and ods, including survey data and historical records. Survey data relating to posed action area must be provided for the relevant listed species communities, be as recent as possible and must not have been ed more than three years before the date the draft preliminary entation is submitted to the Department. | Banksia TEC: 2.4.1 Tuart TEC: 2.4.2 Clay Pans TEC: 2.4.3 Black Cockatoos: 2.5.1 WRP: 2.5.2 BSM: 2.5.3 Flora: 2.6                   |
| Species and   | d communities specific information  |  |
| Banksia Wo  | oodlands of the Swan Coastal Plan (Endangered)  |  |
| Banksia   | regarding the floristic community type (FCT) and quality of each area of a Woodlands TEC that will be directly and indirectly impacted by the ed action   | 2.4.1, 3.1.1   |
|   | al area (in hectares) of Banksia Woodlands that will be directly ed by the proposed action  | 2.4.1, 3.1.1   |
| impact  | ral area (in hectares) of Banksia Woodlands that may be indirectly ed (e.g. through spread of weeds or dieback, and hydrological change) proposed action  | 2.4.1, 3.1.1   |
| fragme<br>which p                                   | ral size and quality of any larger contiguous patches that may be nted or reduced by the proposed action, including the percentage by patch size will be reduced and whether the reduction in extent will hat remaining vegetation no longer meets listing criteria   | 2.4.1, 3.1.1   |



| ADDITIONAL INFORMATION REQUIRED  | SECTION ADDRESSING   |
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| Clay Pans of the Swan Coastal Plain TEC  |                      |
| The FCT, quality and extent (in hectares) of the community that will be directly and indirectly impacted by the proposed action  | 2.4.3, 3.1.3         |
| <ul> <li>The total size of any larger contiguous patches which may be fragmented or<br/>reduced by the proposed action and details on the percentage by which they<br/>will be reduced</li> </ul>  | 2.4.3, 3.1.3         |
| A potential and scope of impacts to the TEC from temporary changes to surface water or groundwater levels during construction  | 2.4.3, 3.1.3         |
| Tuart (Eucalyptus gomphocephala) Woodlands and Forests of the Swan Coastal<br>Plain  |                      |
| Details regarding the presence / absence of the Tuart TEC taking into account  | 2.4.2, 3.1.2         |
| the diagnostic criteria and survey requirements included in the conservation advice  | Appendix A (Figures) |
| <ul> <li>If the ecological community is present, the total area (in hectares) and quality of each area of TEC which will be directly and indirectly impacted by the proposed action. Include information on the total size and quality of any larger contiguous patches which may be fragmented or reduced by the proposed action and details on the percentage by which they will be reduced</li> </ul> | 2.4.2, 3.1.2         |
| Characterisation of the sub-type of TEC present  | 2.4.2, 3.1.2         |
| Forest Red-tailed Black Cockatoo (Calyptorhynchus banksii naso) – Vulnerable;<br>Baudin's Cockatoo (Calyptorhynchus baudinii) – Endangered; and Carnaby's<br>Cockatoo (Calyptorhynchus latirostris) – Endangered   |                      |
| The total amount (in hectares) of breeding, roosting and foraging habitat, their quality and condition that will be cleared as part of the proposed action   | 2.5.1                |
| The location and extent of any roosting habitat within the development   | 2.5.1                |
| envelope and the location of any known night roosting habitat within a 12 km radius of the proposed action area  | Appendix A (Figures) |
| The location and extent of any known breeding habitat within the proposed  | 2.5.1                |
| action area and the location of any known breeding habitat within a 12 km radius of the proposed action  | Appendix A (Figures) |
| Mapping and the number of all potential breeding trees, and trees containing   | 2.5.1, 3.2.1         |
| suitable nesting hollows and known nesting hollows within the proposed action area, including those outside of the development area that might be indirectly impacted by the proposed action   | Appendix A (Figures) |
| <ul> <li>Discussion of construction and operational impacts on black cockatoos that<br/>utilise the area, including, but not limited to, vehicle strike</li> </ul>   | 2.5.1, 3.2.1         |



| ADDITIONAL INFORMATION REQUIRED  | SECTION ADDRESSING                    |
|--|---------------------------------------|
| <ul> <li>Include the results of an updated targeted Black Cockatoo nesting hollow assessment for the unsurveyed areas that is:         <ul> <li>Conducted within the Black Cockatoo breeding season, as defined in the Referral Guidelines for three species of Western Australian Black Cockatoos (2012)</li> <li>Includes a survey using a telescopic pole-mounted camera or drone technology or similar to characterise suitable and potential breeding tree hollows</li> <li>Includes close visual inspection and total count of all potential nesting hollows from above-ground level and provide photographic evidence of all potential nesting hollows inspected</li> <li>Detail any evidence of use by Carnaby's, Baudin's and Forest Redtailed Black Cockatoos i.e. chew marks, feathers, debris, etc.</li> </ul> </li> </ul> | 2.5.1, 3.2.1 Appendix A (Figures)     |
| Western Ringtail Possum (Pseudocheirus occidentalis) – Critically Endangered   |                                       |
| <ul> <li>The total amount (in hectares) of breeding (e.g. dreys), foraging and resting /<br/>refuge habitat, their quality and condition that will be cleared as part of the<br/>proposed action</li> </ul>  | 2.5.2, 3.2.2                          |
| The number of individual possums and relative density in the proposed action area and within 5 km of the proposed action   | 2.5.2, 3.2.2                          |
| <ul> <li>Proposed timing of clearing of habitat (including in relation to possum<br/>breeding season)</li> </ul>   | 3.2.2, 0<br>Appendix M<br>(Fauna AMP) |
| A discussion on the impacts of construction and operation of the road on the movement and dispersal of the species across the landscape  | 2.5.2, 3.2.2, 0                       |
| <ul> <li>A discussion on the likely impacts of the contraction of a larger population into<br/>a smaller areas</li> </ul>  | 2.5.2, 3.2.2, 0                       |
| Any translocation proposals  | 2.5.2, 3.2.2, 0                       |
| Black-stripe Minnow (Galaxiella nigrostriata) - Endangered   |                                       |
| <ul> <li>The total amount of habitat that will be directly impacted (including by<br/>clearing of habitat), or may be indirectly impacted (such as through<br/>hydrological changes), by the proposed action</li> </ul>  | 2.5.3, 3.2.3                          |
| King Spider-Orchid (Caladenia huegelii) – Endangered; Tall Donkey Orchid (Diuris drummondii) – Vulnerable; Dwarf Bee-orchid (Diuris micrantha) – Vulnerable; Glossy-leafed Hammer Orchid (Drakaea elastica) – Endangered; and Dwarf Hammer-orchid (Drakaea micrantha) – Vulnerable   |                                       |



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|---|--------------------|
| The Department notes that surveys have been undertaken for these orchid species within some, but not all areas of the proposed action that may contain suitable habitat for these species.  | 2.6, 3.3           |
| <ul> <li>Undertake follow up surveys, or confirm and justify that previous survey effort has adequately covered all areas of suitable habitat across the project area, for King Spider-orchid (<i>Caladenia huegelii</i>), Dwarf Bee-orchid (<i>Diuris micrantha</i>) and Dwarf Hammer-orchid (<i>Drakaea micrantha</i>)</li> <li>If follow up surveys detect the species, provide information about population size and the number of individuals which may be directly or indirectly impacted by the proposed action as well as habitat quality</li> </ul>  |                    |
| <ul> <li>Provide a discussion and justification regarding the disturbance history of the<br/>site, including its' fire history on the likely detectability of <i>Diuris drummondii</i></li> </ul>   | 2.6.2              |
| Keighery's Eleocharis (Eleocharis keigheryi) - Vulnerable   |                    |
| <ul> <li>Please provide information regarding the presence / absence, quality and amount of suitable habitat for Keighery's Eleocharis within the proposed action area. Include areas outside the proposed action area that may be directly impacted by the proposed action (e.g. hydrological change)</li> <li>If suitable habitat is available, undertake surveys to confirm whether or not the species is present, and if so, provide information regarding the amount of habitat and number of individuals which may or are likely to be directly or indirectly impacted by the proposed action.</li> </ul> | 2.6.6, 3.3.6       |
| Selena's Synaphea (Synaphea sp. Fairbridge Farm) – Critically endangered  |                    |
| <ul> <li>Please provide information regarding the presence / absence, quality and amount of suitable habitat for Selena's Synaphea within and immediately surrounding the proposed action area</li> <li>If suitable habitat is available, undertake surveys to confirm whether or not the species is present, and if so, provide information regarding the amount of habitat and number of individuals which may or are likely to be directly or indirectly impacted by the proposed action</li> </ul>  | 2.6.7, 3.3.7       |
| Austrostipa jacobsiana (Critically Endangered) and Austrostipa bronwenae (Endangered)   |                    |
| <ul> <li>Please provide information regarding the presence / absence, quality and amount of suitable habitat for Austrostipa jacobsiana and Austrostipa bronwenae within and immediately surrounding the proposed action area</li> <li>If suitable habitat is available, undertake surveys to confirm whether or not the species is present, and if so, provide information regarding the amount of habitat and number of individuals which may or are likely to be directly or indirectly impacted by the proposed action</li> </ul>   | 2.6.8, 3.3.8       |
| Habitat Quality Guidance Note   |                    |



| ADDITIONAL INFORMATION REQUIRED  | SECTION ADDRESSING   |
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| <ul> <li>3.1.1A methodology suitable for each individual listed species or commun must be used to assess habitat or vegetation quality, noting that the same scoring system must be used at both impact and offset sites, where releva The quality score for an area of habitat must relate directly to the habitat requirements of the species or community. There are three components t must be considered when calculating habitat quality: site condition; site context and; species stocking rates.</li> </ul> | 2.4, 2.5, 2.6<br>nt. |

## 3 - Assessment of impacts

The preliminary documentation must include an assessment of the potential impacts (including direct, indirect, consequential and cumulative impacts) on MNES that are likely to be present within the proposed action area and surrounds. The impacts of the proposed action should be considered at the broadest scope: all components of the proposed action should be considered, including any associated supporting infrastructure. The Department considers the proposed action may result in, but not be limited to, the following impacts:

- vegetation clearing
- fragmentation of habitat or construction of barriers which impede fauna movement
- habitat degrading processes such as weed invasion and Phytophthora cinnamomi dieback
- hydrological changes including changes in ground and surface water flow, increased turbidity, changes in water quality, and increased siltation or sedimentation
- increased risk of vehicle strike

| The impact assessment should identify and take into account the scale, duration and intensity of the proposed action | 3                      |
|--|------------------------|
| For each listed species and / or community, identify the quantum and   | TEC: 3.1               |
| quality of habitat or vegetation likely to be impacted   | Banksia TEC: 3.1.1     |
|  | Tuart TEC: 3.1.2       |
|  | Claypans TEC: 3.1.3    |
|  | Fauna: 3.2             |
|  | Black Cockatoos: 3.2.1 |
|  | WRP: 3.2.2             |
|  | BSM: 3.2.3             |
|  | Flora: 3.3             |



| ADDITION   | AL INFORMATION REQUIRED  | SECTION ADDRESSING               |
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| 0  | <ul> <li>Identify the number of affected individuals and / or habitat features</li> </ul>  | TEC: 3.1                         |
| (e.g. potential breeding trees, suitable and / or known nesting hollows, roosting trees, etc.) relevant to each listed species | Banksia TEC: 2.4.1, 3.1.1  |                                  |
|  | roosting trees, etc.) relevant to each listed species  | Tuart TEC: 2.4.2, 3.1.2          |
|  |  | Claypans TEC: 2.4.3, 3.1.3       |
|  |  | Fauna: 3.2                       |
|  |  | Black Cockatoos: 2.5.1, 3.2.1    |
|  |  | WRP: 2.5.2, 3.2.2                |
|  |  | BSM: 2.5.3, 3.2.3                |
|  |  | Flora: 2.6, 3.3                  |
| 0  | Characterise the nature of impacts, including timing and whether the   | TEC: 3.1                         |
|  | impact is temporary or permanent   | Banksia TEC: 3.1.1               |
|  |  | Tuart TEC: 3.1.2                 |
|  |  | Claypans TEC: 3.1.3              |
|  |  | Fauna: 3.2                       |
|  |  | Black Cockatoos: 3.2.1           |
|  |  | WRP: 3.2.2                       |
|  |  | BSM: 3.2.3                       |
|  |  | Flora: 3.3                       |
| 0  | Include an assessment of the likely direct, indirect and consequential   | TEC: 3.1                         |
|  | impacts on each protected matter at a local and regional scale, with reference to the proposed action's potential impacts in the context of  | Banksia TEC: 3.1.1               |
|  | current and future development in the locality and region  | Tuart TEC: 3.1.2                 |
|  |  | Claypans TEC: 3.1.3              |
|  |  | Flora: 3.3                       |
|  |  | Fauna: 3.2                       |
|  |  | Black Cockatoos: 3.2.1           |
|  |  | WRP: 3.2.2                       |
|  |  | BSM: 3.2.3                       |
| 0  | Include a risk assessment of the potential impacts of the proposed action, including whether the nature and / or scale of the potential impacts are unknown, unpredictable or irreversible, and what confidence is placed on the predictions or relevant impacts | Appendix I (Risk<br>Assessments) |



| ADDITIONAL INFORMATION REQUIRED   |  | SECTION ADDRESSING               |
|---|--|----------------------------------|
| <ul> <li>Include details of any relevant policy guidelines, studies, surveys or<br/>consultations with subject-matter experts which were not included in<br/>the original referral</li> </ul> | TEC: 2.4   |                                  |
|   | Fauna: 2.5   |                                  |
|   | Flora: 2.6   |                                  |
| 4 - Avoidance and mitigation measures   |  |                                  |
| While the original referral proposes a number of measi potential impacts to protected matters, the Department are required. The preliminary documentation must inclinformation:               | nt considers further details                           |                                  |
| <ul> <li>A consolidated list of impact avoidance and mitigate<br/>best available practices that will be implemented to</li> </ul>   |  | Appendix K (Management matrices) |
| protected matters (including any additional to thos<br>referral). This must include a description of each m   | se proposed in the original leasure proposed, relevant | Appendix L (Black Cockatoo AMP)  |
| protocols, the name of the agency responsible for location and timing for each measure.   | each measure, as well as the                           | Appendix M<br>(Fauna AMP)        |
| <ul> <li>Justification of why the quantum of impact determ</li> </ul>   | ined under Section 3                                   | Flora: N/A                       |
| cannot be avoided or reduced  |  | Banksia TEC: 4.1.1               |
|   |  | Tuart TEC: 4.1.2                 |
|   |  | Clay Pans TEC: 4.1.3             |
|   |  | Black Cockatoos: 4.2.1.1         |
|   | WRP: 4.2.2.1   |                                  |
|   |  | BSM: 4.2.3.1                     |
| Details of pre-clearance and clearance procedures   | ·  | TEC (all): 4.1.4                 |
| matters are adequately detected and managed to introduction or spread of disease or pathogens to h  | ,  | Appendix J (VMP)                 |
| introduction of spread or disease or patriogens to  | indicate and regetation,                               | Appendix K (Management Matrices) |
|   |  | Flora: N/A                       |
|   |  | Fauna:                           |
|   |  | Black Cockatoos: 4.2.1.2         |
|   | WRP: 4.2.2.2   |                                  |
|   | BSM: 4.2.3.2   |                                  |
|   | Appendix K (Management matrices)                       |                                  |
|   | Appendix L<br>(Black Cockatoo AMP)                     |                                  |
|   |  | Appendix M<br>(Fauna AMP)        |



| ADDITIONAL INFORMATION REQUIRED   | SECTION ADDRESSING   |
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| <ul> <li>A description (including maps and imagery) of the location, boundaries and<br/>size of any proposed buffer areas and / or exclusion zones, and details on how<br/>these areas will be protected and maintained</li> </ul>  | TEC: 4.1.4, Figure 7,<br>Appendix A (Figures),<br>Appendix J (VMP) |
|   | Flora: 3.3.1 to 3.3.8  |
|   | Black Cockatoos: 4.2.1.2   |
|   | WRP: 4.2.2.2   |
|   | BSM: 4.2.3.2   |
| Details of any rehabilitation measures to be implemented, including   | General: 1.3.4   |
| objectives, target species, timing of relevant stages, methodology, maintenance and monitoring  | TEC: 4.1.4   |
| mantenance and monitoring   | Flora: N/A   |
|   | Black Cockatoos: 4.2.1.2   |
|   | WRP: 4.2.2.2   |
|   | BSM: 4.2.3.2   |
|   | Appendix K (Management matrices)                                   |
|   | Appendix L<br>(Black Cockatoo AMP)                                 |
|   | Appendix M<br>(Fauna AMP)  |
|   | Offsets: 4.3.1, Appendix N (Offset Strategy)                       |
| For each proposed mitigation measure, please also include:  | 4  |
| <ul> <li>Performance and completion criteria</li> <li>Monitoring and reporting arrangements</li> <li>Potential risks / threats, including residual risks, and any measures that would be implemented to mitigate against these risks, and any proposed monitoring to confirm the effectiveness of these measures</li> </ul> | Appendix I (Risk<br>Assessments)                                   |
|   | Appendix J (VMP)   |
|   | Appendix K (Management matrices)                                   |
|   | Appendix L<br>(Black Cockatoo AMP)                                 |
|   | Appendix M<br>(Fauna AMP)  |



| ADDITIONAL INFORMATION REQUIRED   | SECTION ADDRESSING  |
|---|---|
| <ul> <li>Evidence of the effectiveness of avoidance and mitigation measures as discussed above, noting that the effectiveness of a particular measure is a reflection of the confidence in the ability of the measure to reduce the risk or threat, including examples of measures demonstrating success to achieve the desired avoidance or mitigation measures</li> </ul>   | 4.3 Banksia TEC: 4.1.1 Tuart TEC: 4.1.2 Clay Pans TEC: 4.1.3 Black Cockatoos: 4.2.1.2 WRP: 4.2.2.2 BSM: 4.2.3.2   |
| Proposed avoidance and mitigation measures must be discussed in terms of their expected effectiveness and cost.   | 4.3   |
| <u>Translocation measures</u>   |   |
| <ul> <li>Please note that any proposed measures to manage impacts on MNES involving translocation must include:</li> <li>A description of the translocation method proposed for any MNES. This must be supported by evidence demonstrating a high probability of long-term success</li> <li>The size, quality and environmental values of the translocation site and receiving site</li> <li>A discussion of the potential adverse impacts of translocation on: <ul> <li>Any protected matter(s) within the receiving site, post-translocations</li> <li>Translocated individuals, such as but not limited to, increased competition and mortality risk</li> </ul> </li> <li>A discussion of whether the translocation may have a significant adverse impact on a protected matter within the receiving site</li> <li>A detailed description of the protocols and procedures relevant to each phase (pre-translocation, translocation and post-translocation) of the translocation</li> <li>Information on plans and contingencies to be implemented in the event that the translocation is not successful</li> <li>Performance and completion criteria</li> <li>A description of the monitoring and reporting arrangements</li> <li>Detail demonstrating how the translocation proposal is consistent with relevant recovery plans, conservation advices and threat abatement advices</li> </ul> | TEC: N/A  Flora: 3.3.1 to 3.3.8  Black Cockatoos: 4.2.1.2  WRP: 2.5.2, 3.2.2, 4.2.2.2  BSM: 2.5.3, 4.2.3.2  Appendix L (Black Cockatoo AMP)  Appendix M (Fauna AMP) |

## 5 - Offsets

The preliminary documentation must also provide details of the likely residual impacts on MNES discussed at Section 3 that are likely to occur after all avoidance and / or mitigation measures are taken into account. If applicable, include the reasons why avoidance or mitigation of impacts cannot be reasonably achieved.



| ADDITIONAL INFORMATION REQUIRED  | SECTION ADDRESSING                              |
|--|---|
| <ul> <li>The preliminary documentation must draw a conclusion on the need for an offset and, where an offset is required, including the following information:</li> <li>An offset package consisting of an offset proposal (strategy) and key commitments and management actions for delivering and implementing a proposed offset (e.g. an Offset Management Plan). The proposed offset must meet the requirements of the Departments <i>EPBC Act Environmental Offsets Policy</i> (October 2012) available at:</li> </ul>  | 5.4, 5.5, 5.6, 5.7 Appendix N (Offset Strategy) |
| <ul> <li>www.environment.gov.au/epbc/publications/epbc-act-environmental-offsets-policy. The package must include, but not be limited, the following:         <ul> <li>A description of the offset site(s) including location, size, condition and environmental values present</li> <li>Justification of how the offset meets the EPBC Act Environmental Offsets Policy</li> <li>An assessment (and justification for each input used) of the offset site(s) using the Department's Offset Assessment Guide available at: www.environment.gov.au/epbc/publications/epbc-act-environmental-offsets-policy</li> <li>Details on how the offset will be secured, managed and monitored, including management actions, responsibility, timing and performance criteria. This should include the specific environmental outcomes to be achieved from management measures</li> </ul> </li> </ul> |   |
| 6 - Economic and social matters  The preliminary documentation must provide information about the expected economous (both positive and negative) of the proposed action. This may include:  | omic and social impacts                         |
| An indication of the financial investment the project represents   | 6.1   |
| <ul> <li>Details of any public and/or Indigenous stakeholder consultation activities,<br/>including the outcomes of those consultations</li> </ul>   | 6.3 6.3.1 Appendix O (Stakeholder Consultation) |
| <ul> <li>Projected costs and benefits of the proposed action, including the basis for<br/>their estimation through cost / benefit analysis or similar studies, e.g.<br/>employment opportunities expected to be generated by the project (including<br/>construction and operational phases).</li> </ul>   | 6.2   |
| Economic and social impacts must be considered at the local, regional and national level   | 6.4   |
| 7 - Ecologically sustainable development   |   |
| The preliminary documentation should include a discussion of how the proposed action meets the principals of ecologically sustainable development, as defined under s 3A of the EPBC Act   | 7   |



| ADDITIONAL INFORMATION REQUIRED  | SECTION ADDRESSING |  |
|--|--------------------|--|
| 8 - Environmental record of the person proposing to take the action  |                    |  |
| If the person proposing to take the action is a corporation, this extends to the executive officers of the corporation as well and details of the corporation's environmental policy and planning framework must also be included.   | 8                  |  |
| The preliminary documentation must include details of any proceedings under a Commonwealth, State or Territory law for the protection of the environment of the conservation and sustainable use of natural resources against:   |                    |  |
| <ul><li>a) The person proposing to take the action</li><li>b) For an action for which a person has applied for a permit, the person making the application</li></ul>   |                    |  |
| 9 - Other approvals and conditions   |                    |  |
| The preliminary documentation must include information on any other requirements for approval or conditions that apply, or that you reasonably believe are likely to apply, to the proposed action. This must include:   |                    |  |
| <ul> <li>A description of any approval obtained or is require to be obtained from a<br/>State, Territory or Commonwealth agency or authority (other than an<br/>approval under the EPBC Act), including any conditions that apply (or are<br/>reasonably expected to apply) to the action</li> </ul> | 9                  |  |
| <ul> <li>A description of the monitoring, enforcement and review procedures that<br/>apply, or are proposed to apply, to the action</li> </ul>   | 9                  |  |
| 10 – Relevant policies and publications  | 10                 |  |
| Various policy statements and other publications that may be relevant to your assessment can be found on the Department's website.   |                    |  |
| For each protected matter, the preliminary documentation must include a statement of whether or not the proposed action is consistent with any relevant recovery plan and threat abatement plan.   |                    |  |
| 11 – Information sources   |                    |  |
| The preliminary documentation must state for the information provided, the following:  | 11                 |  |
| <ul> <li>a) The source and currency (date) of the information</li> <li>b) How the reliability of the information was tested</li> <li>c) The uncertainties (if any) in the information</li> <li>d) The guidelines, plans and / or policies considered</li> </ul>                                      |                    |  |