

# Appendix A

## Integrated summary of relationships

|                            |   | MODULE   |  |                                 |                       |                       |   |   |                                   |                                  |   |                                    |                                      |  |                                      |   |                                  |
|----------------------------|---|--|--|---------------------------------|-----------------------|-----------------------|---|---|-----------------------------------|----------------------------------|---|------------------------------------|--------------------------------------|--|--------------------------------------|---|----------------------------------|
|                            |   | A  | B  | C                               | C1                    | D                     | E   | F   | G                                 | H                                | I   | J                                  | K                                    | L  | M                                    | N   | O                                |
| Phase                      | EPBC 2007/3385<br>Schedule 2<br>Component | EIMP<br>Overview   | Vegetation<br>clearing -<br>mill site and<br>wharf<br>access | Mill site<br>bulk<br>earthworks | Mill<br>construction  | Wharf<br>construction | Accommod-<br>ation facility<br>construction | Water<br>supply<br>pipeline<br>construction | Shore<br>crossing<br>construction | Ocean<br>outfall<br>construction | Solid waste<br>disposal<br>facility<br>construction | Local<br>reservoir<br>construction | Effluent<br>pipeline<br>construction | Pre-<br>commission<br>management                       | Monitoring<br>program                | Remedial<br>and<br>response<br>strategies | Habitat<br>offsets &<br>reserves |
|                            | 1. Overview                               | a  | A description of the proposal and associated infrastructure  |                                 |                       |                       |   |   |                                   |                                  |   |                                    |                                      |  |                                      |   |                                  |
| b                          |   | Identification of clear environmental objectives   |  |                                 |                       |                       |   |   |                                   |                                  |   |                                    |                                      |  |                                      |   |                                  |
| c                          |   | Identification of environmental indicators, and translation of objectives into agreed targets and performance measures |  |                                 |                       |                       |   |   |                                   |                                  |   |                                    |                                      |  |                                      |   |                                  |
| d                          |   | Design and implementation of an appropriate monitoring program   |  |                                 |                       |                       |   |   |                                   |                                  |   |                                    |                                      |  |                                      |   |                                  |
| e                          |   | Identification of, and commitment to, agreed trigger or response levels for key indicators                             |  |                                 |                       |                       |   |   |                                   |                                  |   |                                    |                                      |  |                                      |   |                                  |
| f                          |   | Identification of specific remedial management responses to be undertaken when trigger point levels are exceeded       |  |                                 |                       |                       |   |   |                                   |                                  |   |                                    |                                      |  |                                      |   |                                  |
| EPBC approval condition(s) |   | 1,2,6,7,8,9,10,<br>11,12,13,20,<br>44,45,46,47,48  | 14,15,17,<br>18,20,23,25,26                                  | 14,17,<br>18,20,23,25,26        | 14,17,<br>20,23,25,26 | 14,27,28,29,30        | 14,20,23,25                                 | 14,19,20,21,<br>22,23,25                    | 14,20,23,24,<br>25,27             | 14,20,27,28,<br>30,38,39         | 14,17,<br>20,23,25,26                               | 14,17,<br>20,23,25,26              | 14,19,20,21,<br>22,23,24,25          | 3, 4, 9, 31, 32,<br>33, 34, 35, 36,<br>37,38,39, 41,42 | 3,4,31,32,33,<br>37,40,41,42,<br>43* | 3,4,5,19,26,29,<br>30,31,32,33,39         | 15,16,17,18                      |

\*For completeness Module M also reiterates monitoring described in other modules relevant to conditions 15, 16, 17, 18, 19, 20, 22, 26, 27, 29, 30, 34, 35 and 38

|                |               |             |
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| Not applicable | Other modules | This module |
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|                            |  | MODULE                                    |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
|----------------------------|--|---|--|---|----------------------|-----------------------|---|---|-----------------------------------|----------------------------------|---|------------------------------------|--------------------------------------|--|------------------------------|---|----------------------------------|--|
|                            |  | A   | B  | C   | C1                   | D                     | E   | F   | G                                 | H                                | I   | J                                  | K                                    | L                                      | M                            | N   | O                                |  |
| Phase                      | EPBC 2007/3385<br>Schedule 2<br>Component  | EIMP<br>Overview                          | Vegetation<br>clearing -<br>mill site and<br>wharf<br>access | Mill site<br>bulk<br>earthworks                             | Mill<br>construction | Wharf<br>construction | Accommod-<br>ation facility<br>construction | Water<br>supply<br>pipeline<br>construction | Shore<br>crossing<br>construction | Ocean<br>outfall<br>construction | Solid waste<br>disposal<br>facility<br>construction | Local<br>reservoir<br>construction | Effluent<br>pipeline<br>construction | Pre-<br>commission<br>management       | Monitoring<br>program        | Remedial<br>and<br>response<br>strategies | Habitat<br>offsets &<br>reserves |  |
|                            |  | 2. Preconstruction                        | a  | Management of impacts on the Wedge-tailed Eagle - Tasmanian |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| b                          | Management of risks to listed flora from plant pathogens   |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| c                          | Management of risks and uncertainties associated with the non-detection of listed flora  |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| d                          | Management of risks associated with the decline of difficult-to-detect listed flora  |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| e                          | Management of risks associated with the decline of Xanthorrhoea aff. bracteata   |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| f                          | Management of risks associated with the amphibian chytrid fungus Batrachochytrium dendrobatidis  |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| g                          | Management of risks associated with trenching  |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| h                          | Mitigation of impacts on the pipeline corridors  |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| i                          | Establishment of baseline surveys for roadkill   |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| j                          | Undertaking appropriate surveys and establishing mitigation measures for impacts on listed migratory birds   |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| k                          | Undertaking appropriate examination of likely impacts of pile-driving noise associated with the wharf construction [or outfall construction noise] |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| l                          | Establishing baseline levels of vessel strike in the region  |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| m                          | Monitoring the baseline levels of contaminants in listed species   |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| n                          | Developing rehabilitation and offset plans for listed threatened species   |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| o                          | Establishing measures for habitat protection   |   |  |   |                      |                       |   |   |                                   |                                  |   |                                    |                                      |  |                              |   |                                  |  |
| EPBC approval condition(s) |  | 1,2,6,7,8,9,10,11,12,13,20,44,45,46,47,48 | 14,15,17,18,20,23,25,26                                      | 14,17,18,20,23,25,26  | 14,17,20,23,25,26    | 14,27,28,29,30        | 14,20,23,25                                 | 14,19,20,21,22,23,25                        | 14,20,23,24,25,27                 | 14,20,27,28,30,38,39             | 14,17,20,23,25,26                                   | 14,17,20,23,25,26                  | 14,19,20,21,22,23,24,25              | 3,4,9,31,32,33,34,35,36,37,38,39,41,42 | 3,4,31,32,33,37,40,41,42,43* | 3,4,5,19,26,29,30,31,32,33,39             | 15,16,17,18                      |  |

\*For completeness Module M also reiterates monitoring described in other modules relevant to conditions 15, 16, 17, 18, 19, 20, 22, 26, 27, 29, 30, 34, 35 and 38

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|                            |                                     | MODULE                                    |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|----------------------------|-------------------------------------|---|--|---------------------------|-------------------|--------------------|-------------------------------------|------------------------------------|-----------------------------|----------------------------|--|------------------------------|--------------------------------|--|------------------------------|----------------------------------|----------------------------|--|
|                            |                                     | A   | B  | C                         | C1                | D                  | E                                   | F                                  | G                           | H                          | I  | J                            | K                              | L  | M                            | N                                | O                          |  |
| Phase                      | EPBC 2007/3385 Schedule 2 Component | EIMP Overview                             | Vegetation clearing - mill site and wharf access | Mill site bulk earthworks | Mill construction | Wharf construction | Accommodation facility construction | Water supply pipeline construction | Shore crossing construction | Ocean outfall construction | Solid waste disposal facility construction | Local reservoir construction | Effluent pipeline construction | Pre-commission management                        | Monitoring program           | Remedial and response strategies | Habitat offsets & reserves |  |
|                            |                                     | 3. Construction                           | a  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| b                          |                                     |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| c                          |                                     |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| d                          |                                     |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| e                          |                                     |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| f                          |                                     |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| g                          |                                     |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| 4. Precommissioning        | a                                   |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | b                                   |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | c                                   |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | d                                   |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | e                                   |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | f                                   |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | g                                   |   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| EPBC approval condition(s) |                                     | 1,2,6,7,8,9,10,11,12,13,20,44,45,46,47,48 | 14,15,17,18,20,23,25,26                          | 14,17,18,20,23,25,26      | 14,17,20,23,25,26 | 14,27,28,29,30     | 14,20,23,25                         | 14,19,20,21,22,23,25               | 14,20,23,24,25,27           | 14,20,27,28,30,38,39       | 14,17,20,23,25,26                          | 14,17,20,23,25,26            | 14,19,20,21,22,23,24,25        | 3, 4, 9, 31, 32, 33, 34, 35, 36, 37,38,39, 41,42 | 3,4,31,32,33,37,40,41,42,43* | 3,4,5,19,26,29,30,31,32,33,39    | 15,16,17,18                |  |

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|                            |                                     | MODULE  |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|----------------------------|-------------------------------------|---|--|---------------------------|-------------------|--------------------|-------------------------------------|------------------------------------|-----------------------------|----------------------------|--|------------------------------|--------------------------------|--|------------------------------|----------------------------------|----------------------------|--|
|                            |                                     | A   | B  | C                         | C1                | D                  | E                                   | F                                  | G                           | H                          | I  | J                            | K                              | L                                      | M                            | N                                | O                          |  |
| Phase                      | EPBC 2007/3385 Schedule 2 Component | EIMP Overview   | Vegetation clearing - mill site and wharf access | Mill site bulk earthworks | Mill construction | Wharf construction | Accommodation facility construction | Water supply pipeline construction | Shore crossing construction | Ocean outfall construction | Solid waste disposal facility construction | Local reservoir construction | Effluent pipeline construction | Pre-commission management              | Monitoring program           | Remedial and response strategies | Habitat offsets & reserves |  |
|                            | 5. Ongoing monitoring               | a   | Effluent monitoring                              |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | b                                   | Continuous monitoring of the effluent plume and its dispersion  |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | c                                   | Sediment quality monitoring   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | d                                   | Sentinel biota monitoring   |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
|                            | e                                   | Ecological surveys  |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| 6. Remedial response       | a                                   | Remedial management responses to be undertaken when trigger levels are exceeded or maximum limits are reached |  |                           |                   |                    |                                     |                                    |                             |                            |  |                              |                                |  |                              |                                  |                            |  |
| EPBC approval condition(s) |                                     | 1,2,6,7,8,9,10,11,12,13,20,44,45,46,47,48   | 14,15,17,18,20,23,25,26                          | 14,17,18,20,23,25,26      | 14,17,20,23,25,26 | 14,27,28,29,30     | 14,20,23,25                         | 14,19,20,21,22,23,25               | 14,20,23,24,25,27           | 14,20,27,28,30,38,39       | 14,17,20,23,25,26                          | 14,17,20,23,25,26            | 14,19,20,21,22,23,24,25        | 3,4,9,31,32,33,34,35,36,37,38,39,41,42 | 3,4,31,32,33,37,40,41,42,43* | 3,4,5,19,26,29,30,31,32,33,39    | 15,16,17,18                |  |

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