

# Bunbury Fibre Plantations

## Annual Plantation Inspection Report

FOM  
Form

### 1. Plantation Details

|                   |                      |                  |                         |
|-------------------|----------------------|------------------|-------------------------|
| Plantation name:  | ██████ (Scott River) | Planting year:   | 1996 -2011              |
| Net Planted Area: | 573.5 hect           | Inspection date: | 15 <sup>th</sup> Dec 14 |
| Inspected by:     | Ted Thompson         | P.P.R:           |                         |
| Project:          |                      |                  |                         |

### 2. Inspection results

|   |  |                                     |  |  |                                     |                                   |     |      |     |     |      |
|---|--|-------------------------------------|--|--|-------------------------------------|-----------------------------------|-----|------|-----|-----|------|
| <b>Crown Condition:</b>                   |  | (circle most representative answer) |  |  |                                     |                                   |     |      |     |     |      |
| Depth:                                    | proportion of tree in crown:   | 10%                                 | 20%  | 30%  | 40%                                 | 50%                               | 60% | 70%  | 80% | 90% | 100% |
| Active Growth:                            | Apical dominance   | Strong                              |  |  | Moderate                            |                                   |     | Poor |     |     |      |
|   | Presence of new growth   | Yes                                 |  |  | No                                  |                                   |     |      |     |     |      |
| Nutritional Disorder:                     | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   | Desc:  |                                     |  |  |                                     |                                   |     |      |     |     |      |
| Leaf disease:                             | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   | Desc./Type:  |                                     |  |  |                                     |                                   |     |      |     |     |      |
| Invertebrate Pests:                       | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area: 200 hect approx |                                   |     |      |     |     |      |
|   | Desc./Type: Minor weevil damage  |                                     |  |  |                                     |                                   |     |      |     |     |      |
| Vertebrate Pests:                         | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   | Desc./Type:  |                                     |  |  |                                     |                                   |     |      |     |     |      |
| Breakage:                                 | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   |  |                                     |  |  |                                     |                                   |     |      |     |     |      |
| <b>Stem Condition:</b>                    |  | (circle most representative answer) |  |  |                                     |                                   |     |      |     |     |      |
| Invertebrate (borer) Pests:               | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   | Desc./Type:  |                                     |  |  |                                     |                                   |     |      |     |     |      |
| Vertebrate Pests:                         | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   | Desc./Type:  |                                     |  |  |                                     |                                   |     |      |     |     |      |
| Breakage:                                 | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   | Height of breakage:  |                                     |  |  |                                     | Proportion of affected trees (%): |     |      |     |     |      |
| <b>Occupancy:</b>                         |  | (circle most representative answer) |  |  |                                     |                                   |     |      |     |     |      |
| Canopy Closure:                           | Yes  | No                                  | [Yes = canopy closure is 100% within row and ≥80% inter-row] |  |                                     |                                   |     |      |     |     |      |
| Height variability before canopy closure: | Not Obs.   | Yes                                 | No   | [Yes = more than 20% of trees where there is ≥33% height difference between dominants and healthy shorter trees] |                                     |                                   |     |      |     |     |      |
| Suppression after canopy closure:         | Not Obs.   | Yes                                 | No   | [Yes = branches of trees on either side, above the growing tip of the suppressed tree]                           |                                     |                                   |     |      |     |     |      |
| Non effective areas:                      | Not Obs.   | Localised                           | Widespread   | Common   | Est. Affected Area:                 |                                   |     |      |     |     |      |
|   | [Non effective areas = height <33% of "normal" for the plantation, or stocking <50% of target] |                                     |  |  |                                     |                                   |     |      |     |     |      |

| Weed Competition: (circle most representative answer) |                         |                    |                      |                |   |          |
|---|-------------------------|--------------------|----------------------|----------------|---|----------|
| <b>Mound line weeds prior to canopy closure:</b>      |                         |                    |                      |                |   |          |
| <b>Herbaceous weed cover:</b>                         | Not Obs.<br>0-5%        | Localised<br>6-25% | Widespread<br>26-50% | Common<br>>50% | Est. Affected Area:<br>[% cover on mounds]    | 39 hect  |
|   | Desc./Type: Competitive |                    | Non-competitive      |                |   |          |
| <b>Woody weed cover:</b>                              | Not Obs.<br>0           | Localised<br>1     | Widespread<br>2      | Common<br>>3   | Est. Affected Area:<br>[% cover on mounds]    |          |
|   | Desc./Type: Competitive |                    | Non-competitive      |                |   |          |
| <b>Inter-row weeds prior to canopy closure:</b>       |                         |                    |                      |                |   |          |
| <b>Herbaceous weed cover:</b>                         | Not Obs.<br>0-5%        | Localised<br>6-25% | Widespread<br>26-50% | Common<br>>50% | Est. Affected Area:<br>[% cover in inter-row] | all      |
|   | Desc./Type: Competitive |                    | Non-competitive      |                |   |          |
| <b>Woody weed cover:</b>                              | Not Obs.<br>0           | Localised<br>1     | Widespread<br>2      | Common<br>>3   | Est. Affected Area:<br>[% cover in inter-row] |          |
|   | Desc./Type: Competitive |                    | Non-competitive      |                |   |          |
| <b>Weeds post canopy closure:</b>                     |                         |                    |                      |                |   |          |
| <b>Herbaceous weed cover:</b>                         | Not Obs.<br>0-5%        | Localised<br>6-25% | Widespread<br>26-50% | Common<br>>50% | Est. Affected Area:<br>[% cover in inter-row] |          |
|   | Desc./Type: Competitive |                    | Non-competitive      |                |   |          |
| <b>Woody weed cover:</b>                              | Not Obs.<br>0           | Localised<br>1     | Widespread<br>2      | Common<br>>3   | Est. Affected Area:<br>[% cover in inter-row] | 100 hect |
|   | Desc./Type: Competitive |                    | Non-competitive      |                | Scrub species in north sections               |          |

| Infrastructure: (circle most representative answer) |  |     |     |              |     |     |      |
|---|--|-----|-----|--------------|-----|-----|------|
| <b>Season at inspection:</b>                        | In fire season:  |     |     |              |     | Yes | No   |
| <b>Emergency service fire access:</b>               | Can heavy tanker access the property and move around in most areas:                                      |     |     |              |     | Yes | No   |
| <b>Plantation fuel loads (non weed):</b>            | % litter cover (20% increments):   | 0%  | 20% | 40%          | 60% | 80% | 100% |
| <b>Firebreak fuel loads:</b>                        | % litter cover (20% increments):   | 0%  | 20% | 40%          | 60% | 80% | 100% |
| <b>Firebreak trafficability:</b>                    | Can light vehicle generally move easily around firebreaks:   |     |     |              |     | Yes | No   |
| <b>Firebreak Obstructions:</b>                      | Are there obstructions caused by branches, bog holes etc. on firebreaks that would impede a fire tanker: |     |     |              |     | Yes | No   |
| <b>Fire water:</b>                                  | Are there water points on the property (Dams, Tanks, Creeks)   |     |     |              |     | Yes | No   |
| <b>Signs, Firetube &amp; Map:</b>                   | Are tubes and maps present at entrance gate:   |     |     |              |     | Yes | No   |
| <b>Internal signage:</b>                            | Compartment:   | Yes | No  | Water point: |     | Yes | No   |

|   |  |   |        |   |          |     |
|---|--|---|--------|---|----------|-----|
| <b>Plantation signage:</b>  |  |   |        | Property sign erected?  | Yes      | No  |
| <b>Accessibility:</b> (circle most representative answer)   |  |   |        |   |          |     |
| <b>Internal light vehicle access:</b>   |  |   |        | Can light vehicles move around plantation sufficiently well to inspect for health & growth: | Yes      | No  |
| <b>Environmental compliance (conformance to Codes of Practice)</b> (circle most representative answer)  |  |   |        |   |          |     |
| <b>Erosion present:</b>   |  | Presence of erosion – length + depth + width:                               |        | Yes   | Not Obs. |     |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
| <b>Erosion control measures on tracks &amp; firebreaks:</b>   |  | Presence of erosion bars on firebreaks:                                     |        | Yes   | No       | N/A |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
| <b>Riparian zones- buffers:</b>   |  | Non-planted buffers in place & undamaged:                                   |        | Yes   | No       | N/A |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
| <b>Riparian zones- debris:</b>  |  | Debris inside buffers:  |        | Yes   | No       | N/A |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
| <b>Stream crossings:</b>  |  | Correctly maintained:   |        | Yes   | No       | N/A |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
| <b>Rubbish/Spillage:</b>  |  | Present:  |        | Yes   | No       |     |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
| <b>Track drainage:</b>  |  | Tracks drained according to good maintenance and erosion control standards: |        | Yes   | No       | N/A |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
| <b>Declared weeds:</b>  |  | Present:  |        | Yes   | No       | N/A |
|   | Localised  | Widespread  | Common | Est. Affected Area:   |          |     |
|   | Desc./Type: <b>Pattersons curse needs monitoring</b> |   |        |   |          |     |
| <b>Comments:</b> Northern sections are small for their age groups (2005, 2006 , 2007) An analysis of age / fertiliser history/ foliar samples may indicate more fertiliser required. Harvest in these areas may disappoint.<br><b>Needs new fire maps in both gate tubes</b><br>Recent scrub reduction spraying has been very successful.<br>Some wildings in the southern sections along the main access track. May consider for pushing and spraying. |  |   |        |   |          |     |