

**DISTRICT FOREST MANAGEMENT PLAN REPORT
HUON DISTRICT
2004/2005**

1 Sustainable Production

- supply, as part of a sustainable yield unit of production forest, a range of wood products to forest industry and the community

1.1 Market trends

The current year was a further strong year for sales, particularly sawlogs, however the pulpwood market looks to be declining.

1.2 Annual wood production

The wood production figures for the District for the review period are shown in the table below:

Commercial Wood Production

Forest type	Product	2002-2003	2003-2004	2004-2005
Native forest	Sawlog Cat. 1 & 3 (m ³)	88,987	83,644	100,570
	Sawlog Cat. 2 & 8 (m ³)	2,631	4,935	3,827
	Veneer (m ³)	4,454	3,803	4,271
	Regrowth peeler (tonnes)	35,325	25,956	18,063
	Special species (m ³)	2,549	1,874	1,786
	Pulpwood (tonnes)	486,783	429,932	417,472
	Fuel & firewood (m ³)	3,176	15,141	3,848
	Posts & poles (units)	4,439	3,511	3,477
	Craftwood (units)	650	665	430
Native Forest Total		628,994	569,461	553,744
Plantation	Softwood sawlog (m ³)	0	0	0
	Softwood export log (m ³)	0	0	0
	Softwood roundwood (m ³)	0	0	0
	Softwood pulpwood (tonnes)	228	0	0
	Eucalypt pulpwood (tonnes)	0	1,094	11,372
Plantation Total		228	1,094	11,372

NB. The quantities reported for softwood plantation production exclude production from Taswood Growers. This is the softwood joint venture company owned by Forestry Tasmania and GMO Renewable Resources.

1.3 Pulpwood Assessment

TOTAL	2003-2004	2004-2005
Pulpwood sold (tonnes)	429,932	417,472
Pulpwood audited (tonnes)	12,500	41,130
Sawlog recovered (tonnes)	144	53

Results of pulpwood assessments reflect low levels of sawlog leakage. Audits are conducted at the landings and at the mills.

1.4 Logging Residue Assessments

Year	Number coupes	Mean residues (m ³ /ha)	Median residues (m ³ /ha)
2001/2002	13	3.30	2.60
2002/2003	31	4.50	3.00
2003/2004	10	3.51	2.56
2004/2005	5	2.11	2.18

1.5 Special Species

- Maintain or increase the sustainable supply of special species

Species	Use	Volume (T)
Eucalypt	Craft	352
Eucalypt	Burl	53
Myrtle	Burls	21
Myrtle	Craft	5
Tree Ferns	Crowns	45

1.6 Other Forest Products

- Provide opportunities for other products to be utilised including nectar, essential oils, treeferns, other plant materials, firewood, tourism/recreation initiatives and aesthetic values of the forest.

1.6.1 Apiculture

Number of Apiary Sites Available	64
Number of Apiary Sites Utilised	63
Number of Hives	1,021
Volume of Honey	27,000 kg

One of the better years of recent times.

1.6.2 Tree Ferns

Number of FPP's which included tree fern harvesting	4
Volume Sold (number)	1,450

1.6.3 Firewood

	Volume (tonnes)
Domestic Sales	966
Commercial Sales	3,848
TOTAL	4,814

1.6.4 Seed collection

Species	Volume (kg)		
	2002-2003	2003-2004	2004-2005
<i>E. obliqua</i>	960.600	418.340	866.595
<i>E. delegatensis</i>	135.600	66.370	14.035
<i>E. regnans</i>	11.300	14.100	45.495
<i>E. nitida</i>	13.700	5.370	9.590
<i>E. globulus</i>	13.500	12.510	0.525
<i>E. johnstonii</i>	0.200	0.475	1.645
TOTAL	1,134.900	517.165	937.885

1.6.5 Other Products

Species	Volume	Units
Tea Tree Stakes	659	Number
Native Forest Cuttings	400	Number
Craftwood	80	Tonnes
NF Seedlings	53	Number
Fence Rails	3	Number
Chopping Blocks	659	Number
Small BWD	5	Number

2 Silviculture

2.1 Harvesting and Site Preparation

Native Forest Harvesting and Site Preparation

Treatment	Clearfell (ha)	Partial Logging (ha)	Thinning (ha)	
			PCT ₁	CT ₁
Harvesting	1,595	7	0	143
Area of old growth harvested	96	6		
Area of rainforest harvested	2	0		
Mechanical disturbance (non burning) ²	0	0		
Harvesting disturbance only ²	0	0		
High Intensity Burning (Cable Harvesting) ²	96	0		
High Intensity Burning (Ground-based Harvesting) ²	1,250	0		
Excavator heap +/- burn ²	0	0		
Top disposal/Low intensity burn ²	0	0		

1. Pre-Commercial Thinning [PCT] and Commercial Thinning [CT]

2. Native forest site preparation component only.

Plantation Harvesting and Site Preparation

Treatment	Clearfell (ha)	Thinning (ha)	
		NC ¹	C ¹
Softwood Harvesting	0	0	0
Hardwood Harvesting	105	0	12
Softwood Site Preparation treatment	NA		
Hardwood Site Preparation treatment	622 ²		
Effectively established Hardwood Plantation from survival surveys (1R or 2R)	546		
Effectively established Softwood Plantation from survival surveys (1R or 2R)	NA		
Remediation works for understocked Hardwood Plantation areas	80 ³		
Remediation works for understocked Softwood Plantation areas	NA		

1. Commercial [C] and Non-commercial [NC].
 2. Includes spring and autumn 2004 plantings.
 3. Any are significantly less than 90% in survey assumed to be replanted.
- N/A = Information Not Available

2.2 Re-establishment treatments

2.2.1 Native Forest

Native Forest Treatment Areas (ha)

	Partial Logging ¹	Clearfell	Clearfell followed by:			
			Regeneration by seeding	Plantation		Non-forest, fallow ²
				Eucalypt	Pine	
Native Forest	7	1,595	1,346	200	0	49
Old Growth	6	96		13	0	
Rainforest	0	2		0	0	

1. Thinning, retention of advanced growth, seed trees, shelterwood, group or single tree selection.
2. Clearing, primarily for infrastructure or fallow (to be planted or carryover).

Regeneration Success Summary

Forest Type	0-9% (not stocked)	10-39% (ecological stocking)	40-64% (low wood quality)	65-84% (optimum)	85-100% (maximum)	Total
Dry eucalypt ¹	0	0	0	0	0	0
Wet eucalypt ¹	0	0	0	438	140	578
High altitude <i>E. delegatensis</i> ¹	0	0	0	0	0	0
Fenced intensive blackwood ¹	0	0	0	0	8	8
Swamp blackwood ²	0	0	0	0	0	0
Rainforest ²	0	0	0	0	0	0
Huon pine forest ¹	0	0	0	0	0	0
Total	0	0	0	0	148	586
Unacceptable Standard	% Area Met Standard					100%

1. 2001/2002 Sowing Season.
2. 1999/2000 Sowing Season.

2.2.2 Plantation Development

- Continue to develop a financially viable plantation estate, both hardwood and softwood in conjunction with the forest industry and other interested parties

Plantation R1 and R2 establishment areas (ha)¹

	Existing Plantations Clearfelling followed by			New plantations on cleared land ⁸		Total ³
	Plantation		Fallow ⁹	SW ²	HW ²	
	SW ²	HW ²				
Forestry Tasmania (FT) Plantation on State Forest & Crown Land	0	20	0	0	514	534
FT Joint Venture Plantation on State Forest & Crown Land ⁴	0	0	0	0	0	0
FT Joint Venture on Private Land	0	0	0	0	0	0
Tassie Trees Trust Plantation on State Forest ⁵	0	0	0	0	0	0
FT Plantation on Private Land ⁶	0	0	0	0	0	0
Private Plantation on State Forest	0	36	0	0	260	296
TOTAL⁷	0	56	0	0	773	830

1. Planting period for mapping and reporting purposes is from 1st July 2004 to 30th June 2005.
2. Softwood [SW] and Hardwood [HW].
3. Figures in the Total column exclude fallow, and are rounded actual totals.
4. Includes the softwood plantations, which are 50% owned by GMO Renewable Resources, for which data is supplied by Rayonier Australia as at 30/06/05.
5. Tassie Trees Trust plantations are mainly jointly-owned with private growers, but include small proportions owned solely by FT.
6. Includes recent commercial acquisitions.
7. Figures in the Total row are not the sum of the columns, but the rounded actual totals.
8. Cleared land includes agricultural land (generally softwood plantations) and cleared/converted native forest (generally hardwood plantations).
9. Fallow includes plantation clearfelled, but not yet replanted prior to 2005, as supplied by JV companies.

Plantation Silviculture

	Primary Fertilising (ha)		Secondary Fertilising (ha)		Non-Commercial Thinning (ha)		Commercial Thinning (ha)		Pruning (ha)	
	SW ₁	HW ₁	SW ₁	HW ₁	SW ₁	HW ₁	SW ₁	HW ₁	SW ₁	HW ₁
Forestry Tasmania (FT) Plantation on State Forest & Crown Land	0	120	0	856	0	0	0	11	0	605
FT Joint Venture Plantation on State Forest & Crown Land	0	0	0	0	0	0	0	0	0	0
FT Joint Venture on Private Land	0	0	0	0	0	0	0	0	0	0
Tassie Trees Trust Plantation on State Forest	0	0	0	62	0	0	0	0	0	152
FT Plantation on Private Land	0	0	0	14	0	0	0	0	0	50
Private Plantation on State Forest	0	577	0	246	0	0	0	0	0	31
TOTAL	0	697	0	1,178	0	0	0	11	0	838

1. Softwood [SW] and Hardwood [HW]

Plantation Ownership Area (ha)

Ownership	Net Area of Plantation at 30/06/05 ³	
	SW	HW
Forestry Tasmania (FT) Plantation on State Forest & Crown Land	93	3,904
FT Joint Venture Plantation on State Forest & Crown Land ¹	119	5
FT Joint Venture on Private Land	204	14
Tassie Trees Trust Plantation on State Forest ²	0	658
FT Plantation on Private Land ⁵	0	365
Private Plantation on State Forest	0	1,263
TOTAL⁴	416	6,208

1. Includes the softwood plantations that are 50% owned by GMO Renewable Resources, for which, data is supplied by Rayonier Australia, as at 30/06/05.

2. Tassie Trees Trust plantations are mainly jointly-owned with private growers, but include small proportions owned solely by FT.

3. Totals exclude plantation areas clearfelled but not yet replanted.

4. Figures in the Total rows are not the sum of these columns but the rounded actual totals.

5. Includes recent commercial acquisitions.

Species Planted (ha)

Species ^{1,2}	Area Planted 2004-2005	Total Area Planted at 30/06/05 ³
<i>Eucalyptus globulus</i>	462	3,180
<i>Eucalyptus nitens</i>	356	2,603
Other Hardwoods	0	414
<i>Pinus radiata</i>	11	426
Other Softwoods	0	0

1. Other hardwoods and other softwoods may contain mixed plantings of *E. globulus/nitens* and/or *P. radiata* with or without other species.

2. The majority of mixed hardwood/softwood plantations are reported as hardwood.

3. Totals exclude plantation areas harvested but not yet re-planted.

2.3 Seed Sown

Seed Sown

Species	Volume (kg)
<i>E. obliqua</i>	914.010
<i>E. delegatensis</i>	57.840
<i>E. regnans</i>	110.645
<i>E. nitida</i>	19.010
<i>E. globulus</i>	11.010
TOTAL	1,112.515

2.4 High Intensity Burning

2.4.1 Regeneration Burning

Year	No. planned	Total area to be burnt (ha)	No. attempted	Total area which achieved standard (ha)
2003/2004	41	1,902	30	1,199
2004/2005	33	1,892	33	1,872

2.4.2 Plantation Establishment Burning

Year	No. planned	Total area to be burnt (ha)	No. attempted	Total area which achieved standard (ha)
2003/2004	12	699	12	699
2004/2005	5	197	5	197

2.5 Seeding

Year	No. sown	Avg On-Site Seed (%)	Avg In-Zone Seed (%)	Avg Out of Zone Seed (%)	No. met On-Site standard	No. met Pi-type standard
2003/2004	27	47	53	0	25	27
2004/2005	28	29	70	1	22	?

3 Operational Achievements

3.1 Rooding

Road Works

	Class 1	Class 2	Class 3	Class 4	Access
New road construction (km)	0	8.6	42.8	0	0
Major road upgrades or realignments (km)	0	0.4	0	0	0
Major new structures (#)	0	0	5	0	0
Road maintained/repaired (km)		680.5		0	0

3.2 The Forest Estate

State Forest Area (as at 30.06.05)¹

	Area	% ³
Formal Reserves	5,300	0.4%
Informal Reserves	20,500	1.4%
Native Forest Wood Production Coupes	71,200	4.7%
Native Forest Outside Wood Production Coupes	20,800	1.4%
Hardwood Plantation ²	5,800	0.4%
Softwood Plantation ²	200	0.0%

1. Area includes Buckland Military Training Area.

2. Excludes Forestry Tasmania managed plantations on private land as well as plantations in Reserves.

3. Percentage of total State forest (Statewide).

3.3 Browsing control

Browsing assessments

Area monitored (ha)	4,458
Area deemed to require treatment (ha)	2,259

3.3.1 1080 usage

1080 treatment

	1080 used (kg)	Area established (ha)	Area treated (ha)	Area not treated (ha)
Hardwood Plantation ¹	0.075	534	403	131
Softwood Plantation ¹	0.000	0	0	0
Native Forest	0.001	1,353	223	1,130
TOTAL	0.076	1,887	626	1,261

1. Including second rotation, excluding joint ventures.

3.4 Non-chemical browsing control

Number of shooting operations (no. of coupes)	70
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3.5 Pesticide Usage

Chemical Use⁵

Use	Category	Kilograms ₃		Area treated (ha)	
		2003-2004	2004-2005	2003-2004	2004-2005
Herbicide	Sched 5 Chemical ₁	1,309	782	820	1,543
	Sched 6 Chemical ₂	0	0	0	0
	Unscheduled ₄	36	0	750	0
	TOTAL	1,345	782	1,570	1,543
Insecticide/Fungicide	Sched 5 Chemical ₁	0	0	0	0
	Sched 6 Chemical ₂	0	25	0	1,245
	Unscheduled ₄	0	0	0	0
	TOTAL	0	25	0	1,245
Adjuvant	Sched 5 Chemical ₁	N/A	76	N/A	581
	Unscheduled ₄	N/A	51	N/A	331
	TOTAL	N/A	127	N/A	912

1. Poisons of a hazardous nature that must be readily available to the public but require caution in handling storage and use.

2. Poisons that must be available to the public but are of a more hazardous or poisonous nature than those classified in schedule 5.

3. Kilograms of active ingredient

4. Poisons that have not yet received a poison schedule rating.

5. Includes usage by FT on Joint Ventures and leases, but not usage by third parties (eg Rayonier) on State forest.

3.6 Weeds, Pests and Diseases

- institute effective weed, pest and disease control

Area of Pest Control

Damage agent	Area treated (ha)	Vegetation affected	Control method
Vertebrate Pests			
Wallaby	2,259	Native forest and plantation	Shoot/bait
Possum	2,259	Native forest and plantation	Shoot/bait
Invertebrate Pests			
Chrysomelids	1,103	Plantation	Sprayed with Dominex
Gonipteris	1,103	Plantation	Sprayed with Dominex

General Forest Health Issues

Forest Health Issue	Number	Area
Machinery hygiene breaches	0	
New <i>Phytophthora cinnamom</i> susceptible areas identified (ha)		0

3.7 Fire Management

- Protect high value assets from fire through application of the District fire management plan and through appropriate wildfire suppression

3.7.1 Fuel Reduction Burning

Fuel Reduction Burning

Performance Indicator	Number of Burn Plans prepared	Number of Burns Conducted and Achieved Standard	Total Area for which Burn Plans prepared (ha)	Total Area Burnt and Standard Achieved (ha)
Fuel Reduction Burns – Partially Harvested Coupes ¹	0	0	0	0
Broad Area Fuel Reduction Burns ²	14	14	1,930	1,930
TOTAL	14	14	1,930	1,930

1. These partially harvested areas do not require fire for regeneration purposes, but require burning to reduce the fire hazard. These coupes can be excavator heaped, extending the time-frame in which they can be burnt.

2. Broad-area fuel reduction burns that are strategically planned to protect nearby assets, or for ecological purposes (e.g. coastal heath or buttongrass).

3.7.2 Wildfires

The following table shows the area of **unplanned** fire including the area with severe damage on State forest:

Wildfire History

	Area burnt 2003-2004 (ha)	Number of fires 2004-2005	Area burnt 2004-2005 (ha)	Ten year average to 2003-2004 (ha)
Total unplanned fire	185	9	145	690
Severe fire damage	89		73	249
Rehabilitation of severely burnt Native Forest	0		0	

Number of wildfires by month

Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
0	0	0	1	2	1	4	0	0	1	0	0	9

4 RFA Implementation

- Implement the outcomes of the RFA as they apply to the Plan Area, including those relating to the maintenance of a permanent native forest estate, maintenance of biodiversity and protection of regional conservation values.
- Maintain State forest contribution to the CAR system in accordance with RFA requirements.

Priority communities that are known or identified through pre-harvest coupe inspections have been excluded from coupes. No known clearing of internal patches of priority communities have occurred. Areas are mapped and registered on the Management Decision Classification (MDC) system where appropriate.

5 Financial Performance

- Provide a contribution from the commercial management of the Plan Area

Forestry Tasmania operates as a commercial organisation and pays an annual dividend to its shareholder, the Tasmanian Government, based on operating performance after tax that is calculated by an agreed formula with the Department of Treasury and Finance. Total annual payments to the consolidated fund are comprised of dividends, taxation equivalents and guarantee fees.

All returns to the consolidated fund are based on the organisation as a whole and not individually calculated based on individual operating districts. Refer to the Forestry Tasmania 2004-2005 Annual Report for full details on financial performance.

6 Conformance with Sustainable Forest Management Policy

- Conform to Forestry Tasmania's environmental policy, including the fulfilment of all statutory environmental standards and achievement of sustainable forest management targets

6.1 Forest Practices Authority Audit

Forest Practices Authority Audit Results

Forest Practices Code Criteria	2003-2004 Performance (Rating 1-4)	2004-2005 Performance (Rating 1-4)
Planning	3.5	3.6
Roading	3.3	3.4
Harvesting	3.7	3.6
Reforestation	3.1	3.3
Fuel and Rubbish	3.6	3.4
Soil and Water	3.1	3.7
Flora	3.5	3.5
Fauna	3.4	3.6
Landscape	2.9	3.3
Cultural Heritage	3.6	3.8
Geomorphology	2.0	3.7
AVERAGE	3.3	3.5

There were two major changes made to the audit process in 2004-2005. Firstly a smaller sample (8%) of Forest Practices Plans were chosen compared with the usual 15%. Secondly, the new rating system, introduced in the 2003-2004 audit, was applied more stringently than the previous year. The reason given for the "tougher" application of the rating system was that in previous audits, criteria which had been given a score of "high" did not allow recognition where additional effort or improved practices had been employed beyond that required by the Forest Practices Code. For example, if there was no requirement to make provision for a special value, then the coupes attracted a score of "4". Under the new system these coupes are now given a score of "3". Consequently, the Statewide results on State forest for each element were lower than the previous year.

While this comparison is not favourable, the response from one FPA Auditor was that forest practices standards had not deteriorated, but rather the rating system had been more rigorously applied. From the FPA point of view, ALL criteria rated on State forest were higher than "Sound" which is their performance benchmark.

6.2 Forest Practices Breaches (non-S41)

List of Forest Practices Breaches that resulted in reports being made to the Forest Practices Authority, but no S41 notice was issued.

FPP No.	Coupe	Non-conformance
KAS 0008	RU042B	Cutting over boundary.
KAS 0004	AR018D	Clear visual buffer for roadline construction.

6.3 Notices

6.3.1 S41 Notices

S41 No.	FPP No.	Coupe	Non-conformance
*C435	GAR0098	Oigles Road	Plan standard and implementation of construction timetable.

*Not recorded as a S41 but a significant letter of warning equivalent in intent to a S41

6.3.2 S38 and S39 Notices

No S38 or S39 notices were issued to Huon District by Workplace Standards in 2004-2005.

6.4 Fines or prosecutions

FPP No.	Coupe	Value of fine (\$)	Non-conformance	Corrective and remedial action
GAR0116	Roading	\$3,000	Construction Oigles Road within streamside reserve.	<ul style="list-style-type: none"> → Toe of fill protected by a rock bund to prevent material coming off the road. → Formation of road moved uphill slightly. → Larger pipes used to divert water from the road prior to the fill. → Further water diversion measures on adjacent tracks.

6.5 Compliance with other legislation

Huon District complied with all other legislation.

7 Non-timber Forest Values

7.1.1 Protection Areas

- Maintain areas of protection forest

The following table indicates the area of forest for protective functions on State forest, not planned for harvesting.

Land Classification	Areas at 30/06/2005 (ha)
Forest Reserves (ha)	5,300
Informal Reserves (ha)	20,500
Native forest outside provisional coupes (ha)	20,800
<i>Non-production Total (ha)¹</i>	<i>46,600</i>
State Forest Total (ha)	123,700
% Managed primarily for protection	38%

1. Figures in total rows are not the sum of the columns, but the actual rounded totals.

7.1.2 Biodiversity

- Maintain biodiversity values

Special Value	Area Managed (ha)
Biodiversity Corridors	28,280
Cultural Heritage	10,844
Fauna	17,179
Flora	10,655
Geoconservation	27,347

7.1.3 Threatened Flora

- Protect rare or threatened plant species, and plant communities or associations that are of botanical significance and maintain the extent and diversity of flora habitat sufficient to allow the maintenance of viable populations of plant species

Threatened Species Management	Number	Species
Habitat Surveys Conducted	2	Slender Treefern, <i>Thismia rodwayi</i>
New Sites Identified	1	Rare Fireweed

7.1.4 Threatened Fauna

- Protect rare or threatened forest dependent fauna species and maintain an area and diversity of fauna habitat sufficient to allow the maintenance of the long term viability and range of fauna species

Threatened Species Management	Number	Species
Animal/Nest Surveys Conducted	64	Wedge-tailed Eagle
New threatened species records identified on State forest	16	Wedge-tailed Eagle, Masked Owl

7.1.5 Landscape Values

- Conserve landscape values

New area managed for Landscape/Visual Amenity 2004-2005 (ha)	52
Total area managed for Landscape/Visual Amenity (ha)	18,423

Areas protected for visual amenity in 2004-2005 included screening for the Arve road, skyline protection for the Dover Community and for the Huon Hwy. An area of 14 ha was protected in a Picton coupe to preserve the integrity of the landscape as seen from the Tahune Forest Air Walk. In addition, 17 other coupes had visual analysis work undertaken on them, some resulted in boundary changes to blend into the existing landscape.

7.1.6 Management of non-Aboriginal Cultural Heritage Sites

- Conserve places, sites and features of non-Aboriginal cultural significance

Non-Aboriginal Surveys

Year	Area Surveyed (ha)	Number of new sites detected	Number of old sites redetected
2003-2004	3,467	9	14
2004-2005	50	1	6

The discovery of features such as tramways etc is almost a routine occurrence in this District.

Non-Aboriginal Cultural Heritage Management

Non-Aboriginal Cultural Heritage Management	Number	Site Types
Number of sites assessed:	7	
• Number of sites in good condition	4	Tramway, sawmill site, old stumps and shoes
• Number of sites in average condition	1	Tramway
• Number of sites in poor condition	2	Tramway, walking track

1. Assessed = assessed by or within consultation with FBP expert on site.

Allowances are regularly made in operational planning for protecting cultural heritage sites. Two-stage burning, particularly when features are in the middle of clearfelled areas, is becoming a common occurrence.

7.1.7 Management of Aboriginal Cultural Heritage Sites

- Encourage cooperative management programs with Aboriginal people in areas of significance to them in a manner consistent with other management practices

Aboriginal Surveys

Year	Area Surveyed (ha)	Number of new sites detected	Number of old sites redetected
2003-2004	3,467	2	0
2004-2005	40	1	0

Aboriginal Cultural Heritage Management

Aboriginal Cultural Heritage Management	Number	Site Types
Number of sites assessed ₁	1	Artefact
• Number of sites in good condition	0	
• Number of sites in average condition	1	Artefact

1. Assessed = assessed by or within consultation with FBP expert on site.

7.1.8 Soil Conservation

- Conserve soil values

Identification of Soil Values

Area assessed for soil erodibility (ha)	2,303
Low	788
Moderate	778
Mod-High	644
High	93
Very High	0
Unavailable for harvest due to erosion hazard	24
Number of landslips detected in the district	3
Total area within district managed primarily for soil conservation (ha)	27,347

7.1.9 Geodiversity and Geomorphological Significance

- Maintain geodiversity and conserve features and systems of geomorphological significance

Protection of Geomorphological Sites

Number of geomorphological sites identified	3
Number of geomorphological sites protected from damage	3

7.1.10 Water Quality and Supply

- Maintain water values and allow for the continued supply of water for domestic and rural purposes

Water Quality Monitoring Results

Contaminant Sampled for	No. samples	No. samples returning positive results	No. returning results outside standard	Acceptable standard
Chemical Contaminants₁				
Clopyralid (Lontrel)	0	0	0	1000 µg/litre
Dominex (Cypermethrin)	48	0	0	Not listed
Glyphosate (Round Up)	24	0	0	1000 µg/litre
Haloxypop (Verdict)	0	0	0	Not listed
Hexazinone (Velmac, Velpar)	0	0	0	300 µg/litre
Metosulam (Eclipse)	0	0	0	Not listed
Metsulfuron-methyl (Brush Off, Brushkiller)	96	0	0	30 µg/litre
Nitrates	0	0	0	50 mg/litre
Nitrites	0	0	0	3 mg/litre
Phosphorous	131	45	3	100 µg/litre
Total Nitrogen	131	45	12	800 µg/litre
Terbacil (Eucmix)	0	0	0	30 µg/litre
Triclopyr (Garlon, Crazon)	0	0	0	10 µg/litre
Sulfometuron-methyl (Mako, Oust, Eucmix)	110	0	0	Not listed
Spinosad (Success)	0	0	0	Not listed
Non-chemical Contaminants₂				
Temperature	230	0	0	No value set
Turbidity	230	36	36	5 NTU
pH	230	85	85	6.5-8.5
Dissolved Oxygen	0	0	0	>85%
Electrical Conductivity (EC)	230	0	0	Not listed
TOTAL	1,460	211	136	
Spray Operations				
No. spray operations	73			
No. spray operations where water samples were taken	73	11	11	

1. Standard is ADWG Health Value where standard exists. Where no standard exists, any detection is recorded.

2. Generally accepted standards (e.g. Waterwatch standard).

11 coupes returned results outside the standard for Phosphorous and Total Nitrogen.

Fuel or Chemical Spills

Number of fuel or chemical spills	2
Volume of fuel or chemical spills (Litres)	1,200
Number of fuel or chemical spills that entered a watercourse	1

A diesel tanker was dropped whilst being unloaded and spilt 200 litres of diesel. The other incident saw 1,000 litres of diesel spilt when a diesel tanker frame broke whilst being towed. In both instances, emergency spill control procedures were effectively implemented, and both spills were reported to DPIWE.

7.1.11 Tourism, Recreation and Education

- Provide infrastructure for and foster tourism, recreation and visitor education consistent with multiple use values

Organised Recreational Events on State Forest

Date	Event
8 th -11 th July 2004	Australian Rally Championship

Recreational Activities and Facilities on State Forest

Activity	Site	Kernan- die Falls	Tahune Airwalk	Arve River	Esper- ance Park	Big Tree	Keoghs Creek	Zig Zag Track	West Creek Lookout	Stringy Bark Track	Marvista Bruny	Slide Track Bruny	Hartz Track	Duckhole Track Walk	Stump Walk Hartz	Lookin Look out	Creektion Falls Track	Blakes Opening	Clennets Bruny	Rueben Falls	Mt Mangana Bruny
Self Guided Interpretation		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Guided Interpretation			Y							Y											
Short Walk		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y		Y		Y	Y	Y	Y	Y
Day Walk					Y							Y	Y				Y	Y			
Overnight Walk																	Y				
Education			Y	Y		Y	Y	Y		Y	Y	Y	Y		Y	Y		Y			Y
Cultural Heritage			Y		Y					Y		Y		Y		Y		Y	Y		
Mountain Biking			Y		Y		Y	Y		Y				Y				Y			
Trail Bike Riding																		Y			
Horse Riding			Y		Y																
Canoeing			Y		Y																
Fishing			Y	Y	Y									Y				Y			
Lookout			Y		Y				Y	Y		Y	Y			Y			Y		Y
Special Events			Y		Y																
Facilities																					
Disabled Access			Y		Y	Y	Y		Y							Y					
Info/Visitor Centre			Y							Y						Y			Y		
Toilets			Y	Y	Y					Y											
Gas BBQ			Y		Y					Y											
Wood BBQ			Y	Y						Y											
Picnic Shelter			Y	Y	Y					Y	Y										
Picnic Area			Y	Y	Y				Y	Y											
Fireplace			Y	Y	Y					Y	Y										
Camp Sites			Y		Y					Y											
Caravan Sites			Y		Y					Y											
Boat Ramp										Y											
Walking Tracks		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

New Facilities or Existing Facilities Upgraded

Facilities	Number	Details
Disabled Access	1	Lookin – Lookout (New)
Info/Visitor Centre	1	Lookin – Lookout (New)
Walking Tracks	2	Slide Track, Blake's Opening

Visitor numbers

Site	2001-2002	2002-2003	2003-2004	2004-2005
Tahune Airwalk	154,000	147,700	142,900	122,420
Bruny Island State forest	19,600	24,200	31,100	28,100

After the initial burst of interest in Tahune, the level of visitors numbers has plateaued. Recent surveys show that most of the visitors are from interstate.

7.1.12 Education

Public and School Education Opportunities

	No. Presentations	No. People
Public Education		
Forest Tours by FT Staff	16	418
Forest Management Presentations	3	70
Number of positive newspaper articles	0	
School Education		
School Tours by FT Staff	6	116
School Visits	3	60
Students – Work Experience		0

The Huon District has conducted 22 forest educational tours this financial year. The tours assist the general public in further understanding the changes in the forest industry including projects like the Tahune Air Walk and the Southwood "wood centre" project. The tours attracted a broad range of residents and were generally focused on the education, familiarisation and targeted tours for such groups as local tourist operators, school groups and special tours to the Warra LTER area.

7.1.13 Community Liaison and Sponsorship

Community Forums Attended By District Staff

Community forum categories	No. meetings 2002-2003	No. meetings 2003-2004	No. meetings 2004-2005
Fire management	0	7	2
Catchment management	4	19	4
Local emergency management	4	2	5
Education	0	4	5
Local government	10	3	6
Cultural management	11	3	4
Biodiversity management	11	0	0
Feral animals/weeds	0	7	4
Industry	0	15	10
Recreation/tourism	6	24	36
Regional planning	11	0	5
Conservation/environmental	0	2	4
Forest practices	0	0	9
Other	0	35	1
TOTAL	57	121	95

District Sponsorship

Name of Organisation	Value
Camp Quanity	\$60
Cygnat Axemens Club	\$250
Dover Axemens Club	\$500
Dover Golf Club	\$250
Fresh Future Appeal	\$60
Friends School	\$350
Geeveston Bowling Club	\$500
Geeveston District High School	\$1,170
Geeveston Golf Club	\$400
Geeveston Little Athletics	\$50
Hands Across Generations (HVC)	\$300
Hobart Rotary Club	\$99
HRDG	\$60
Huon Agricultural Society	\$50
Huon Apairy	\$100
Huon Field and Game Association Inc.	\$150
Huon PCYC	\$60
Huon Show	\$60
Huon Yatch Club	\$1,180
Huonville Axemens Club	\$250
Huonville Bowls Club	\$50
Huonville High School P&F	\$60
Kermandie Football Club	\$4,000
Kingborough Little Athletics	\$50
Launceston Hoo Hoo Club	\$50
NW Truckies Association	\$50
Raptor Refuge, Kettering	\$4,800
Sacred Heart School	\$100
Southern Tigers Cricket Club. (G&DCC)	\$150
Tafe Tas Children Services Rec Prog	\$50
Tas Special Children Xmas Party	\$50
Tasmanian Trail	\$2,730
VVAA Camp Quality on the Huon	\$50
Total	\$18,089

7.1.14 Mineral Exploration and Development

- Facilitate the exploration and development of mineral resources found within multiple use forest land consistent with the good management of wood, cultural, natural and recreational values

There were no Mineral Exploration Working Group referrals in 2004-2005 for the Huon District.