

DISTRICT FOREST MANAGEMENT PLAN REPORT HUON DISTRICT 2005/2006

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

2005/2006 saw a decline in demand for major wood products including sawlog and pulpwood. The sawlog decline was a result of softening demand in the building industry. The pulpwood downturn was particularly driven by the loss of a major contract (the 'regrowth' sale) to Gunns Triabunna in December 2005. This was due to wood quality issues.

1.2 Value-adding and New Industries

The major development in this year was the proposal to and the commencement of construction of the Ta Ann rotary peeling plant at Southwood. It is anticipated this will go into production in the last quarter of 2006/2007.

1.3 Annual wood production

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

Forest type	Product	2003-2004	2004-2005	2005-2006
Native forest	Sawlog Cat. 1 & 3 (m ³)	83,644	100,570	76,778
	Sawlog Cat. 2 & 8 (m ³)	4,935	3,827	1,008
	Veneer (m ³)	3,803	4,271	2,819
	Regrowth peeler (tonnes)	25,956	18,063	33,316
	Special species (m ³)	1,874	1,786	346
	Pulpwood (tonnes)	429,932	417,472	298,702
	Fuel & firewood (m ³)	15,141	3,848	1,846
	Posts & poles (units)	3,511	3,477	2,145
	Craftwood (units)	665	430	192
	Minor Products	0	0	798
Native Forest Total		569,461	553,744	417,950
Plantation	Softwood sawlog (m ³)	0	0	0
	Softwood export log (m ³)	0	0	0
	Softwood roundwood (m ³)	0	0	0
	Young Eucalypt Sawlog (m ³)	0	0	0
	Softwood pulpwood (tonnes)	0	0	0
	Eucalypt pulpwood (tonnes)	1,094	11,372	0
	Plantation Total	1,094	11,372	0

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.

1.4 Pulpwood Assessment

TOTAL	2003-2004	2004-2005	2005-2006
Pulpwood sold (tonnes)	429,932	417,472	298,702
Pulpwood audited (tonnes)	12,500	41,130	23,497
Sawlog recovered (tonnes)	144	53	27

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

1.5 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
2005/2006	9	0.80	0.70

All contractors met the required standard.

1.6 Special Species

- Maintain or increase the sustainable supply of special species

Planning began roads to access to special timbers management units, as per the TCFA.

Species	Use	Volume (T)
Eucalypt	Craft	85
Eucalypt	Burl	108
Myrtle	Burls	5

Non-sawlog special species only in this table. All sawlog special species volume reflected in table 1.2.

1.7 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.

1.7.1 Apiculture

Number of Apiary Sites Available	64
Number of Apiary Sites Utilised	50
Number of Hives	883
Volume of Honey	21,691 kg

Poor season due to cold wet summer.

1.7.2 Tree Ferns

	2004-2005	2005-2006
Number of FPP's which included tree fern harvesting	4	4
Volume Sold (number)	1,450	27.6 tonnes

1.7.3 Firewood

Volume (tonnes)	2004-2005	2005-2006
Domestic Sales	966	624
Commercial Sales	3,848	2,931
TOTAL	4,814	3,555

1.7.4 Seed collection

Species	Volume (kg)			
	2002-2003	2003-2004	2004-2005	2005-2006
<i>E. obliqua</i>	960.6	418.3	866.6	335.7
<i>E. delegatensis</i>	135.6	66.4	14.0	5.8
<i>E. regnans</i>	11.3	14.1	45.5	16.2
<i>E. nitida</i>	13.7	5.4	9.6	9.6
<i>E. globulus</i>	13.5	12.5	0.5	10.9
<i>E. johnstonii</i>	0.2	0.5	1.6	1.3
TOTAL	1,134.9	517.2	937.9	379.6

1.7.5 Other Products

Species	Volume	Units
Tea Tree Stakes	950	Number
Hop Poles	100	Number
Native Forest Cuttings	200	Number
NF Seedlings	106	Number
Chopping Blocks	296	Lin metre

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	1,264	107	0	80
Area of old growth harvested	157	37		
Area of rainforest harvested	4	0		
Mechanical disturbance (non burning) ²	0	0		
Harvesting disturbance only ²	0	0		
High Intensity Burning (Cable Harvesting) ²	0	0		
High Intensity Burning (Ground-based Harvesting) ²	183	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	0	4	0
Softwood Site Preparation treatment	0		
Hardwood Site Preparation treatment	363		
Effectively established Hardwood Plantation from survival surveys (1R or 2R)	132		
Effectively established Softwood Plantation from survival surveys (1R or 2R)	0		
Remediation works for understocked Hardwood Plantation areas	5		
Remediation works for understocked Softwood Plantation areas	0		

1. Commercial [C] and Non-commercial [NC]

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	107	1,264	183	109	0	976
Old Growth	37	157	132	25	0	
Rainforest	0	4	4	0	0	

1. Thinning, retention of advanced growth, seed trees, shelterwood, and group or single tree selection.

2. Clearing primarily for infrastructure or fallow (to be planted or carryover).

Regeneration Success (ha)

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	24	461	0	485
High altitude <i>E. delegatensis</i> ¹	0	0	0	0	0	0
Fenced intensive blackwood ¹	0	0	0	0	0	0
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	24	461	0	485
Unacceptable Standard	% Area Met Standard					95.1%

1. 2002/2003 Sowing Season.

2. 2000/2001 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

Emphasis this year was on plantations being established under the TCFA with a winding up of joint venture arrangements on State forest. Planting was focussed on moderate quality sites, particularly in the vicinity of the Southwood industrial site. Significant special values issues, particularly in relation the Mount Mangana Stag Beetle were encountered in preparing FPP's.

Plantation R1 and R2 establishment areas (ha)¹

	Existing Plantation clearfelled followed by plantation (R2)		New plantations on cleared land (R1) ⁸		Total ³
	SW ²	HW ²	SW ²	HW ²	
Forestry Tasmania (FT) Plantation on State Forest & Crown Land	0	0	0	0	0
FT Joint Venture Plantation on State Forest & Crown Land ⁴	0	0	0	0	0
FT Joint Venture on Private Land	0	0	0	0	0
Tassie Trees Trust Plantation on State Forest ⁵	0	0	0	0	0
FT Plantation on Private Land ⁶	0	0	0	0	0
Private Plantation on State Forest	0	0	0	132	132
2005/2006 TOTAL⁷	0	0	0	132	132

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 30/06/06.

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).

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	417	0	769	0	4	0	0	0	541
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	90	0	0	0	0	0	0
FT Plantation on Private Land	0	0	0	12	0	0	0	0	0	46
Private Plantation on State Forest	0	315	0	967	0	0	0	0	0	75
TOTAL	0	732	0	1,838	0	4	0	0	0	662

1. Softwood [SW] and Hardwood [HW]

Plantation Ownership Area (ha)

Ownership	Net Area of Plantation at 30/06/06 ³	
	SW	HW
Forestry Tasmania (FT) Plantation on State Forest & Crown Land	50	3,889
FT Joint Venture Plantation on State Forest & Crown Land ¹	121	0
FT Joint Venture on Private Land	0	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	1,409
2005/2006 TOTAL⁴	171	6,335

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 2005-2006	Total Area Planted at 30/06/06 ³
<i>Eucalyptus globulus</i>	0	3,036
<i>Eucalyptus nitens</i>	132	2,878
Other Hardwoods	0	422
<i>Pinus radiata</i>	0	177
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

Species	2004/2005 (kg)	2005/2006 (kg)
<i>E. obliqua</i>	914.0	160.9
<i>E. delegatensis</i>	57.8	0.0
<i>E. regnans</i>	110.6	33.1
<i>E. globulus</i>	11.0	11.4
<i>E. nitida</i>	19.0	0.0
<i>E. johnstonii</i>	0.0	0.1
TOTAL	1,112.5	205.5

2.4 High Intensity Burning

2.4.1 Regeneration Burning

This autumn was a difficult period for burning with heavy and frequent rain. The burn program was not satisfactorily achieved.

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
2005/2006	7	175	7	162

2.4.2 Plantation Establishment Burning

Generally the windrow burn program was achieved despite the difficult (wet) conditions.

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
2005/2006	12	490	12	490

2.5 Seeding

Year	No. coupes 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	?
2005/2006	7	32	68	0	7	7

2.6 Silvicultural Season

The silvicultural year was dominated by the poor burning season, which resulted in a large number of native forest coupes being unburnt and carried over to next year. Coupes on Bruny and some aggregated retention coupes have now been carried over for a number of years and will get more difficult to burn and regenerate.

3 Operational Achievements

3.1 Roading

Road work type	2005/2006
New road construction (km)	30
Major road upgrades or realignments (km)	0
Major new structures (#)	3
Road maintained/repared (km)	441

3.2 The Forest Estate

Land Classification	Area (ha) ¹	% ³
Formal Reserves	5,300	0.4%
Informal Reserves	22,600	1.5%
Native Forest Wood Production Coupes	19,800	1.3%
Native Forest Outside Wood Production Coupes	70,000	4.6%
Hardwood Plantation ²	5,900	0.4%
Softwood Plantation ²	200	0.0%
State forest Total	123,700	8.1%
Non-production Total	47,700	3.1%

1. Area as at 30th June, 2006. 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

	Native forest	Plantation
Area monitored (ha)	174	366
Area deemed to require treatment (ha)	80	250

3.3.1 1080 usage

Huon used no 1080 in 2005/2006.

3.4 Non-chemical browsing control

Treatment Type	2003-2004	2004-2005	2005-2006
Number of shooting operations (no. of coupes)	30	70	50
Seedlings treated with repellent (ha)	2	0	0
Big seedlings (ha)	1	0	0

Trapping was implemented in the District this year. Based on browsing surveys and numerical catch it is working well.

3.5 Pesticide Usage^{5,6}

Use	Category	Kilograms ³			Area treated (ha)		
		2003-2004	2004-2005	2005-2006	2003-2004	2004-2005	2005-2006
Herbicide	Unscheduled ⁴	1,309	782	151	820	1,543	287
	Sched 5 Chemical ¹	0	0	0	0	0	0
	Sched 6 Chemical ²	36	0	0	750	0	0
	TOTAL	1345	782	151	1,570	1,543	287
Insecticide/Fungicide	Unscheduled ⁴	0	0	0	0	0	0
	Sched 5 Chemical ¹	0	25	0	0	1,245	0
	Sched 6 Chemical ²	0	0	0	0	0	0
	TOTAL	0	25	0	0	1,245	0
Adjuvant	Unscheduled ⁴	N/A	76	20	N/A	581	159
	Sched 5 Chemical ¹	N/A	51	4	N/A	331	17
	TOTAL	N/A	127	24	N/A	912	175

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

2. Poisons that are 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. Excludes Perth Nursery

6. 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

Damage agent	Area treated (ha)	Vegetation affected	Control method
Vertebrate Pests			
Possums, Wallabies	0	Native forest, Plantations	Poisoning
Possums, Wallabies	2,103	Native forest, Plantations	Shooting, Trapping

General Forest Health Issues

Forest health issue	Number	Area
Machinery hygiene breaches	0	
New <i>Phytophthora cinnamomi</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

Procedures for notification of burns were implemented, however difficult burning conditions resulted in a number of complaints about burns generally.

Fuel reduction burning on State forest

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	5	5	600	300
TOTAL	5	5	600	300

1. These partially harvested areas do not require fire for regeneration purposes, but do 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 Non-burning Fuel Reduction

Meetings were attended with local community and brigades. Ongoing fire trail works in priority areas as per Huon Fire Management Plan.

3.7.3 Wildfires

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

	Area burnt 2004-2005 (ha)	Number of fires 2005-2006	Area burnt 2005-2006 (ha)	Ten year average to 2005-2006 (ha)
Total unplanned fire	145	12	6	423
Severe fire damage	73		4	96
Rehabilitation of severely burnt native forest	0		0	

Note: 10-year average data does include current year in the ten years.

Number of wildfires by month

Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
0	0	0	1	1	0	5	1	2	1	1	0	12

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 has 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 2005-2006 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)	2005-2006 Performance (Rating 1-4)
Roading	3.5	3.6	3.6
Harvesting	3.3	3.4	3.7
Planning	3.7	3.6	3.8
Reforestation	3.1	3.3	3.5
Flora	3.6	3.4	3.9
Fauna	3.1	3.7	3.9
Geomorphology	3.5	3.5	4.0
Cultural Heritage	3.4	3.6	3.8
Landscape	2.9	3.3	3.9
Fuel and Rubbish	3.6	3.8	4.0
Soil and Water	2.0	3.7	3.9
AVERAGE	3.2	3.5	3.8

1 = Unacceptable; 2 = Less than Sound; 3 = Sound (FPA benchmark score); 3.5 = Above Sound; 4 = High

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.

Coupe	Non-conformance
WR012C	District planners identifying coupes requiring eagle searches for the 2006 program identified coupe WR012C as unsearched, despite having had a roading FPP certified and implemented.
HP005E	Windrow operations were carried out on HP005E without being specified in the FPP.
DN010F	Special values for the coupe specified <i>E. johnstoni</i> seed must be collected and sown on site. No reference to the <i>E. johnstoni</i> was made on the sowing sheet for the coupe, consequently very little seed was collected.

6.3 Notices

6.3.1 S41 Notices

No S41 notices were issued within Huon District in 2005-2006.

6.3.2 S38 and S39 Notices

No S38 or S39 notices were issued to Huon District by Workplace Standards in 2005-2006.

6.4 Fines or prosecutions

No fines or prosecutions issued to Huon District in 2005-2006.

6.5 Compliance with other legislation

Huon District complied with all other legislation.

7 Non-timber Forest Values

7.1.1 Biodiversity

- Maintain biodiversity values

Special value	Area managed (ha)
Biodiversity Spines	28,402
Fauna	8,352
Flora	13,473
Wildlife Habitat Strips	8,343

7.1.2 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	<i>Thismia rodwayii</i> , <i>Westringia augustifolia</i>
New Sites Identified	4	<i>Thismia rodwayii</i> , <i>Westringia augustifolia</i>

7.1.3 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
Habitat Surveys Conducted	9	Mt Mangana Stag Beetle, Swift Parrot
Animal/Nest Surveys Conducted	60	Wedge-tailed Eagles (53), Crayfish (7)
New threatened species records identified on State forest	18	Mt Mangana Stag Beetle (3), Crayfish (12)
Cooperative work with other agencies	3	Mt Mangana Stag Beetle, Denison Crayfish, Wedge-tailed Eagle

7.1.4 Landscape Values

- Conserve landscape values

New area managed for Landscape/Visual Amenity 2005-2006 (ha)	32
Total area managed for Landscape/Visual Amenity (ha)	18,367

Management of landscape continues to be a major issue at Tylers Hill and Bruny. Steps have been taken on Bruny to design a trial for community consultation, however this has recently been overtaken by Swift Parrot nesting activity. Coupes are routinely modified for landscape reasons eg KD004F and SO034D. Some modification to the Southwood powerline route was also made due to landowner concerns for landscape amenity.

7.1.5 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
2005-2006	90	5	5

Non-Aboriginal cultural heritage management

Non-Aboriginal cultural heritage management	Number	Site types
Number of sites assessed¹	10	
• Number of sites in good condition	3	Tramways lines & bridges
• Number of sites in average condition	2	Steam engine, hauler site
• Number of sites in poor condition	5	Tramways, sawmill

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

The District maintains a close relationship with FPA specialists. Most cultural heritage sites are tramways and these are routinely encountered in works. Public interest in these sites seems to be greatest on Bruny Island and has been dealt with as part of the Districts broader community consultation process.

7.1.6 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
2005-2006	11	0	0

7.1.7 Soil Conservation

- Conserve and identify soil values

Area assessed for soil erodibility (ha)	1,751
Low	693
Moderate	523
Mod-High	535
High	0
Very High	0
Unavailable for harvest due to erosion hazard (ha)	1,500
Number of landslips detected in the district in 05/06	21
Total area within district managed for soil values (ha)	30,732

7.1.8 Geodiversity and Geomorphological Significance

- Maintain geodiversity and protect features and systems of geomorphological significance

Number of geomorphological sites identified	1
Number of geomorphological sites protected from damage	In progress
Area managed for geoconservation values (ha)	27,439

7.1.9 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)	0	0	0	Not listed
Glyphosate (Round Up)	0	0	0	1000 µg/litre
Haloxypop (Verdict)	0	0	0	Not listed
Metsulfuron-methyl (Brush Off, Brushkiller)	9	0	0	30 µg/litre
Phosphorous	28	23	0	100 µg/litre
Total Nitrogen	40	27	2	800 µg/litre
Terbacil (Eucmix)	0	0	0	30 µg/litre
Sulfometuron-methyl (Mako, Oust, Eucmix)	9	0	0	Not listed
Spinosad (Success)	0	0	0	Not listed
Non-chemical Contaminants²				
Temperature	317	0	0	No value set
Turbidity	317	96	96	5 NTU
pH	317	168	168	6.5-8.5
Dissolved Oxygen	317	0	0	>85%
Electrical Conductivity (EC)	317	0	0	Not listed
TOTAL	1,671	314	266	
Spray Operations				
No. spray operations	16			
No. spray operations where water samples were taken	16	50	2	

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).

2 coupes returned results outside the standard for Total Nitrogen.

Fuel or chemical spills

Number of fuel or chemical spills	4
Volume of fuel or chemical spills (Litres)	85
Number of fuel or chemical spills that entered a watercourse	0

Three of the spills in 2005/2006 were related to machinery. One machine tipped over, an O ring failed in one machine, and a pinhole developed in another. The fourth spill was associated with a generator at Tahune. Only one spill was over 20L, which was reported to DPIW. In all cases, the emergency spill procedures were implemented immediately.

The only catchment in which the 5% harvesting rule was exceeded was in a tributary to Clarks Rivulet - FN008C was planned to occupy 44.3ha (15.5% of catchment) with management of the rivulet by a 50m reserve (in excess of 30m SSR required). The GPSed harvested area was actually 37.3ha (13.1%). The catchment area is very small, supplies a very small scheme (10-12 houses) and may be discontinued by council in future. Franklin Block presents some continual challenges with a number of relatively small catchments. Some rescheduling has occurred to stay under the 5% in these areas and a presentation was made to the Huon valley Council on the Scotts Rivulet catchment at its request.

7.1.10 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
March 2006	FT Enduro (80 km Horse riding event)
April 2006	Fractal festival Esperance park (Music)
February 2006	Tas forest festival
June 2006	Australian Rally Championship (Cars)

Visitor numbers to specified recreational sites

Site	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006
<i>Bruny State forest</i>	19,600	24,200	31,100	28,100	18,193
<i>Tahune AirWalk¹</i>	154,000	147,700	142,900	122,420	108,334

1. Actual people counts.

Visitor numbers to Tahune dropped by about 10% over the preceding year. Other parts of the District, particularly further south reported strong number (i.e. Hastings Caves). Preliminary planning work commenced on enhancements to Tahune, ie Swing Bridge and accommodation.

Recreational activities and facilities on State forest

Activity	Site	Tahune AirWalk and Reserve	Arve River Picnic Area	Esperance Park Camping Area	Big Tree Arve Road	Keoghs Creek Walk	Zig Zag Track	West Creek Lookout	Stringy Bark Track Tahune	Marvista Nature Walk Bruny	Slide Track Bruny Is.	Mt Mangana Lookout Bruny Is.
Self Guided Interpretation		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
Day Walk				Y							Y	
Overnight Walk												
Education		Y	Y		Y	Y	Y		Y	Y	Y	Y
Cultural Heritage		Y		Y					Y		Y	
Mountain Bike Riding		Y		Y		Y	Y		Y			
Trail Bike Riding												
Horse Riding		Y		Y								
Boating												
Canoeing		Y		Y								
Fishing		Y	Y	Y								
Lookout		Y			Y			Y	Y		Y	Y
Special Events		Y		Y								
Facilities												
Disabled Access		Y		Y	Y	Y		Y				
Info/Visitor Centre		Y							Y			
Toilets		Y	Y	Y					Y			
Gas BBQ		Y		Y					Y			
Wood BBQ		Y	Y						Y			
Picnic Shelter		Y	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
Playground Equipment												

Activity	Site	Hartz Track	Duckhole Track Walk	Stump Walk Hartz	Kermandie Falls Walk	Rueben Falls Walk	Blakes opening Track	Lake Skinner Track	Nevada Peak Track	Creekton Falls Track	Clennets Mill Site Bruny	Lookin Lookout
Self Guided Interpretation		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Guided Interpretation												
Short Walk			Y		Y	Y					Y	Y
Day Walk		Y					Y	Y	Y	Y		
Overnight Walk							Y					
Education		Y		Y							Y	Y
Cultural Heritage			Y				Y				Y	Y
Mountain Bike Riding			Y				Y					
Trail Bike Riding							Y					
Horse Riding												
Boating												
Canoeing												
Fishing			Y				Y					
Lookout		Y									Y	Y
Special Events												
Facilities												
Disabled Access												Y
Info/Visitor Centre											Y	Y
Toilets												
Gas BBQ												
Wood BBQ												
Picnic Shelter												
Picnic Area												
Fireplace												
Camp Sites												
Caravan Sites												
Boat Ramp												
Walking Tracks		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Playground Equipment												

New facilities or existing facilities upgraded

Facilities	Number	Details
Info/Visitor Centre	1	Tahune
Walking Tracks	1	Clennet's Mill Bruny Island

7.1.11 Education

Public and school education opportunities

	No. Presentations	No. People
Public Education		
<i>Forest Tours by FT Staff</i>	11	118
<i>Forest Management Presentations</i>	0	0
<i>Number of positive newspaper articles</i>	30	
School Education		
<i>School Tours by FT Staff</i>	5	123
<i>School Visits</i>	0	0
<i>Students – Work Experience</i>		3

7.1.12 Community Liaison and Sponsorship

Community forums attended by District staff

Community forum categories	Number of meetings 2002-2003	Number of meetings 2003-2004	Number of meetings 2004-2005	Number of meetings 2005-2006
Fire management	0	7	2	7
Catchment management	4	19	4	7
Local emergency management	4	2	5	0
Education	0	4	5	7
Local government	10	3	6	11
Cultural management	11	3	4	10
Biodiversity management	11	0	0	0
Feral animals/weeds	0	7	4	5
Industry	0	15	10	9
Recreation/tourism	6	24	36	16
Regional planning	11	0	5	1
Conservation/environmental	0	2	4	0
Forest practices	0	0	9	3
Other	0	35	1	3
TOTAL	57	121	95	79

District sponsorship

Name of Organisation	Type of Sponsorship (Cash, In Kind)	Value
Axemens Clubs	Cash	\$1,250
Golf Clubs	Cash	\$650
Football Clubs	Cash & In Kind	\$4,130
Schools	Cash & In Kind	\$463
Other Sporting Clubs/Events	Cash & In Kind	\$1,250
Rotary/Lions/Apex	Cash & In Kind	\$235
Cricket Clubs	Cash	\$350
PCYC	Cash & In Kind	\$250
Misc. Charities	In Kind	\$1,204
Misc. Donations	In Kind	\$180
TOTAL		\$9,962

Forest Tours are generally for business groups or retirees. School tours are less common and are being catered for by the broader Forest Education group.

7.1.13 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*

Mineral Exploration Working Group (MEWG) Referrals

Type	Number
New EL Applications	1
Existing EL Reviews and Development Proposals	0
New Works Programs	1
Mineral Lease Applications	0
Mineral Lease reviews and reports	0
Number of Site Rehabilitations	0