

**DISTRICT FOREST MANAGEMENT PLAN REPORT
BASS 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

Bass continued to supply small plantation sawlogs to FEA Bell Bay sawmill during the past year. Koppers contractor commenced harvesting of eucalypt plantation areas to supply posts for fencing and vineyard markets, both within the State and to the mainland.

Markets for both sawlog and pulpwood, including lower quality pulpwood, were strong for most of the year but softened in the last quarter.

1.2 Value-adding and New Industries

A trial of mechanising harvesting equipment was conducted in native forest regeneration areas to utilise small diameter wood to 5cm small end diameter.

1.3 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) | 60,712 | 60,513 | 59,554 |
| | Sawlog Cat. 2 & 8 (m ³) | 42,126 | 43,571 | 53,362 |
| | Veneer (m ³) | 1,718 | 2,985 | 3,922 |
| | Regrowth peeler (tonnes) | 24,703 | 58,041 | 34,736 |
| | Special species (m ³) | 1,742 | 1,336 | 3,946 |
| | Pulpwood (tonnes) | 804,297 | 894,501 | 890,019 |
| | Fuel & firewood (m ³) | 3,416 | 3,006 | 1,885 |
| | Posts & poles (units) | 280 | 3 | 58 |
| | Craftwood (units) | 184 | 20 | 80 |
| Native Forest Total | | 939,178 | 1,063,976 | 1,047,562 |
| Plantation | Softwood sawlog (m ³) | 498 | 6,032 | 813 |
| | Softwood export log (m ³) | 0 | 0 | 0 |
| | Softwood roundwood (m ³) | 0 | 0 | 0 |
| | Posts & poles (units) | 0 | 0 | 3,300 |
| | Eucalypt Sawlog Young (tonnes) | 0 | 0 | 2,855 |
| | Softwood pulpwood (tonnes) | 25,885 | 0 | 0 |
| | Eucalypt pulpwood (tonnes) | 98,304 | 70,832 | 62,533 |
| Plantation Total | | 124,687 | 76,864 | 69,501 |

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 |
|---------------------------|-----------|-----------|
| Pulpwood sold (tonnes) | 894,501 | 890,019 |
| Pulpwood audited (tonnes) | 62,640 | 69,930 |
| Sawlog recovered (tonnes) | 43 | 60 |

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 | 19 | 5.60 | 2.57 |
| 2002/2003 | 21 | 3.35 | 2.75 |
| 2003/2004 | 32 | 3.33 | 2.64 |
| 2004/2005 | 25 | 2.12 | 1.71 |

Two contractor's exceeded Forestry Tasmania residue standards. Bass had 35 contractors operating in the District during the year. LRA's were not carried out on two roadline harvesting contractors and two plantation thinning contractors. Visual assessments were carried out on operations for these contractors.

1.6 Special Species

- *Maintain or increase the sustainable supply of special species*

Bass increased its supply of special species in the past 12 months, particularly Blackwood sawlog. This product is arising from the understorey of wet forests. Bass also supplied markets for utility-grade Blackwood.

| Species | Use | Volume (T) |
|------------|--------|------------|
| Eucalypt | Craft | 40 |
| Blackwood | Craft | 40 |
| Tree Ferns | 60-100 | 17,216 |

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

Potential apiary sites occur across the District, but there are no registered sites. There are no leatherwood patches in Bass and many other plant species do not flower regularly. This may account for the lack of requests for permanent sites.

1.7.2 Tree Ferns

| | |
|---|--------|
| Number of FPP's which included tree fern harvesting | 10 |
| Number of FPA tree fern tags utilised (# tree ferns sold) | 17,216 |

Treefern harvesting is monitored and audited on a monthly basis. Ferns have been exported overseas, mainly UK and China. One treefern harvester was prosecuted by the Forest Practices Authority (FPA) for failing to tag treeferns prior to removal from the bush.

1.7.3 Firewood

| | Volume (tonnes) | No. Licences |
|------------------|-----------------|--------------|
| Domestic Sales | 2,507 | 380 |
| Commercial Sales | 1,885 | 12 |
| TOTAL | 4,492 | 392 |

1.7.4 Seed collection

| Species | Volume (kg) | | |
|------------------------|------------------|----------------|----------------|
| | 2002-2003 | 2003-2004 | 2004-2005 |
| <i>E. obliqua</i> | 410.900 | 317.620 | 318.373 |
| <i>E. delegatensis</i> | 463.100 | 158.380 | 9.743 |
| <i>E. regnans</i> | 234.600 | 34.520 | 34.510 |
| <i>E. amygdalina</i> | 8.300 | 129.530 | 342.285 |
| <i>E. viminalis</i> | 8.700 | 7.465 | 3.973 |
| <i>E. dalrympleana</i> | 19.700 | 11.215 | 1.429 |
| <i>E. sieberi</i> | 38.500 | 100.125 | 0.245 |
| <i>E. ovata</i> | 0.000 | 0.240 | 0.000 |
| TOTAL | 1,183.800 | 759.095 | 710.558 |

1.7.5 Other Products

| Species | Volume | Units |
|------------------------|--------|--------|
| Tea Tree Stakes | 3,953 | Number |
| Hop Poles | 780 | Number |
| Native Forest Cuttings | 1,972 | Number |
| Craftwood | 5 | Tonnes |
| NF Split Posts | 1,232 | Number |
| Droppers | 100 | Number |
| Chopping Blocks | 1,795 | 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 | 2,394 | 2,912 | 0 | 0 |
| Area of old growth harvested | 254 | 237 | | |
| Area of rainforest harvested | 42 | 17 | | |
| Harvesting disturbance only ² | 0 | 281 | | |
| High Intensity Burning (Cable Harvesting) ² | 184 | 0 | | |
| High Intensity Burning (Ground-based Harvesting) ² | 85 | 0 | | |
| Excavator heap +/- burn ² | 9 | 2,395 | | |
| Top disposal/Low intensity burn ² | 0 | 584 | | |

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 |
| Hardwood Harvesting | 52 | 0 | 543 |
| Softwood Harvesting | 0 | 0 | 0 |
| Hardwood Site Preparation treatment | 1,710 | | |
| Softwood Site Preparation treatment | 0 | | |
| Effectively established Hardwood Plantation from survival surveys (1R or 2R) | 2,098 | | |
| Effectively established Softwood Plantation from survival surveys (1R or 2R) | 0 | | |
| Remediation works for understocked Hardwood Plantation areas | 130 | | |
| Remediation works for understocked Softwood Plantation areas | 0 | | |

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

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 | 2,912 | 2,394 | 278 | 1,317 | 15 | 784 |
| Old Growth | 237 | 254 | | 92 | 13 | |
| Rainforest | 17 | 42 | | 7 | 2 | |

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 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 | 248 | 374 | 150 | 766 |
| Wet eucalypt ¹ | 0 | 0 | 0 | 32 | 38 | 70 |
| High altitude <i>E. delegatensis</i> ¹ | 0 | 0 | 0 | 492 | 233 | 725 |
| 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 | 248 | 898 | 421 | 1,561 |
| 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

Hardwood plantations were established across the District on predominantly high quality productive soils. Approximately 50% of the total hardwood plantations are privately owned or under joint venture ownership with Forestry Tasmania. Selection of coupes for plantation establishment involved extensive consultation with private owners or partners.

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 | 37 | 110 | 0 | 407 | 444 |
| FT Joint Venture Plantation on State Forest & Crown Land ⁴ | 960 | 108 | 3,042 | 141 | 251 | 1,460 |
| 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 | 0 | 0 | 0 | 1,228 | 1,228 |
| TOTAL⁷ | 960 | 144 | 3,152 | 141 | 1,885 | 3,130 |

1. Planting period for mapping and reporting purposes is from 1st July 2004 to 30th June 2005.

3. Softwood [SW] and Hardwood [HW].

4. Figures in the Total column exclude fallow, and are rounded actual totals.

5. 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.

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

7. Includes recent commercial acquisitions.

8. Figures in the Total row are the rounded actual totals.

9. Cleared land includes agricultural land (generally softwood plantations) and cleared/converted native forest (generally hardwood plantations).

10. 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 | 381 | 0 | 596 | 0 | 0 | 0 | 470 | 0 | 1,432 |
| FT Joint Venture Plantation on State Forest & Crown Land | 0 | 378 | 0 | 201 | 0 | 0 | 0 | 0 | 31 | 867 |
| 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 | 0 | 0 | 0 | 0 | 73 | 163 | 80 |
| FT Plantation on Private Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 |
| Private Plantation on State Forest | 0 | 1,972 | 0 | 454 | 0 | 0 | 0 | 0 | 0 | 94 |
| TOTAL | 0 | 2,731 | 0 | 1,251 | 0 | 0 | 0 | 543 | 194 | 2,545 |

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 | 239 | 8,387 |
| FT Joint Venture Plantation on State Forest & Crown Land ¹ | 28,578 | 3,146 |
| FT Joint Venture on Private Land | 0 | 83 |
| Tassie Trees Trust Plantation on State Forest ² | 163 | 198 |
| FT Plantation on Private Land ⁵ | 0 | 33 |
| Private Plantation on State Forest | 9 | 4,742 |
| TOTAL⁴ | 28,989 | 16,590 |

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 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> | 0 | 1,931 |
| <i>Eucalyptus nitens</i> | 2,030 | 14,448 |
| Other Hardwoods | 0 | 212 |
| <i>Pinus radiata</i> | 1,107 | 28,909 |
| Other Softwoods | 0 | 80 |

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> | 201.710 |
| <i>E. delegatensis</i> | 91.625 |
| <i>E. regnans</i> | 71.640 |
| <i>E. amygdalina</i> | 49.547 |
| <i>E. viminalis</i> | 4.300 |
| <i>E. dalrympleana</i> | 4.975 |
| <i>E. sieberi</i> | 10.610 |
| TOTAL | 434.407 |

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 | 12 | 252 | 10 | 164 |
| 2004/2005 | 6 | 262 | 6 | 226 |

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 | 57 | 2,685 | 41 | 1,697 |
| 2004/2005 | 42 | 1,894 | 42 | 1,872 |

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 | 13 | 47 | 49 | 3 | 7 | 7 |
| 2004/2005 | 18 | 32 | 60 | 8 | 9 | 7 |

On-Site seed standard was not met in some cases because no on-site seed was available. All In-Zone seed met the pi-type standard. Remedial sowing was carried out on 6 coupes, and supplementary sowing on 4 coupes.

2.6 Silvicultural Season

Overall a difficult season for regeneration due to the very dry conditions experienced over the sowing season. Forestry Tasmania continues to develop alternatives to 1080 to control browsing including shooting, more intensive monitoring of browsing damage and burning around coupe perimeters in dry forest to create more attractive browsing areas away from the regeneration.

3 Operational Achievements

3.1 Roothing

Road Works

| | Class 1 | Class 2 | Class 3 | Class 4 | Access |
|--|---------|---------|---------|---------|--------|
| New road construction (km) | 0 | 0 | 71 | 4 | 0 |
| Major road upgrades or realignments (km) | 0 | 0 | 0 | 0 | 0 |
| Major new structures (#) | 0 | 0 | 4 | 0 | 0 |
| Road maintained/repared (km) | 0 | 0 | 84 | 0 | 0 |

3.2 The Forest Estate

State Forest Area (as at 30.06.05)¹

| | Area | % ³ |
|--|---------|----------------|
| Formal Reserves | 57,500 | 3.8% |
| Informal Reserves | 29,700 | 2.0% |
| Native Forest Wood Production Coupes | 181,300 | 11.9% |
| Native Forest Outside Wood Production Coupes | 82,800 | 5.5% |
| Hardwood Plantation ² | 16,500 | 1.1% |
| Softwood Plantation ² | 29,000 | 1.9% |

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

| | Native Forest | Plantations |
|---------------------------------------|---------------|-------------|
| Area monitored (ha) | 5,826 | 2,017 |
| Area deemed to require treatment (ha) | 854 | 2,017 |

3.3.1 1080 usage

1080 treatment

| | 1080 used (kg) | Area established (ha) | Area treated (ha) | Area not treated (ha) |
|----------------------------------|----------------|-----------------------|-------------------|-----------------------|
| Hardwood Plantation ¹ | 0.024 | 444 | 142 | 302 |
| Softwood Plantation ¹ | 0.000 | 0 | 0 | 0 |
| Native Forest | 0.002 | 3,190 | 123 | 3,067 |
| TOTAL | 0.026 | 3,634 | 265 | 3,369 |

1. Including second rotation, excluding joint ventures.

3.4 Non-chemical browsing control

| | |
|---|-----|
| Number of shooting operations (no. of coupes) | 141 |
| Seedlings treated with repellent (ha) | 5 |
| Big seedlings (ha) | 4 |
| Tree guards (ha) | 1 |

Poisoning with 1080 has been the main form of browsing mammal control carried out in plantations over the last year. There has been an increase in shooting and trapping while alternative techniques such as repellents and using larger seedlings are currently being trialed.

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 | 2,941 | 982 | 2,168 | 2,822 |
| | Sched 6 Chemical ₂ | 0 | 0 | 0 | 0 |
| | Unscheduled ₄ | 190 | 0 | 1,968 | 0 |
| | TOTAL | 3,131 | 982 | 4,136 | 2,822 |
| Insecticide/Fungicide | Sched 5 Chemical ₁ | 0 | 0 | 0 | 0 |
| | Sched 6 Chemical ₂ | 2 | 9 | 84 | 371 |
| | Unscheduled ₄ | 0 | 5 | 0 | 448 |
| | TOTAL | 2 | 14 | 84 | 819 |
| Adjuvant | Sched 5 Chemical ₁ | N/A | 61 | N/A | 463 |
| | Unscheduled ₄ | N/A | 70 | N/A | 820 |
| | TOTAL | N/A | 131 | N/A | 1,283 |

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.

The quantities used are a function of the level of weed infestation. There was an increased incidence of insect damage during the year, which resulted in the use of schedule 6 insecticides. The more environmentally benign, "Success", insecticide was also used during the year.

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 | | | |
| Brushtail Possum, Rufus Wallaby, Bennetts Wallaby & Rabbit | 2,871 | Eucalypt plantation Native forest | Shooting |
| Invertebrate Pests | | | |
| Chrysomelid beetle, Gum leaf Skeletoniser, Autumn gum moth | 916 | Eucalypt plantation | Aerial spraying |
| Diseases | | | |
| Phytophthora | 1,356 | Native vegetation | Washdown of Machinery |
| Weeds | | | |
| Weed Seeds | 604 | | Washdown of Machinery |
| Pine wildlings | 3 | Native forest | Hand pulling |
| Gorse | 2 | Roadsides | Spray |
| Broom | 1 | Roadsides | Spray |

General Forest Health Issues

| Forest Health Issue | Number | Area |
|---|--------|------|
| Machinery hygiene breaches | 3 | |
| New <i>Phytophthora cinnamomi</i> susceptible areas identified (ha) | | 200 |

23 quarries (5 FT, 18 Gunns) were tested for the presence of Phytophthora, 17 were deemed to be "PC free" (3 FT, 14 Gunns). 200 ha of State forest in the Mt Pearson area was identified as being infected by Phytophthora.

The annual forest health surveillance survey confirmed that there was a higher incidence of insect damage (Chrysomelid beetle) in the Bass plantations in 2004-2005. No other significant issues were identified.

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

No problems were experienced with pre-burn notification or procedures. Some minor smoke pollution resulted from burning windrows with green fuel late in the season.

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 | 24 | 24 | 1,666 | 1,611 |
| Broad Area Fuel Reduction Burns ² | 4 | 4 | 351 | 351 |
| TOTAL | 24 | 28 | 2,017 | 1,962 |

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 Non-burning Fuel Reduction

Fire break maintenance consisted of approx 130 km for FT assets and approx 50 km for Taswood Growers assets. Additional fire management works included construction of 17 new waterpoints, installation of a replacement fire tower at Mt Arthur and upgrade of fire tower facilities at Mt Horror and Tower Hill.

3.7.3 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 | 6,657 | 50 | 3,704 | 2,074 |
| Severe fire damage | 3,893 | | 2,548 | 847 |
| 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 | 4 | 5 | 4 | 3 | 2 | 5 | 14 | 9 | 1 | 3 | 0 | 50 |

District Fire Management Plans are under development. FT was represented on local TFS Area Management Committees, as well as pre and post fire season inter-agency briefings.

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 | 3.8 | 3.2 |
| Roading | 3.9 | 3.2 |
| Harvesting | 3.9 | 3.1 |
| Reforestation | 3.9 | 3.1 |
| Fuel and Rubbish | 4.0 | 3.3 |
| Soil and Water | 4.0 | 3.1 |
| Flora | 4.0 | 3.4 |
| Fauna | 3.9 | 3.0 |
| Landscape | 4.0 | 3.0 |
| Cultural Heritage | 4.0 | 4.0 |
| Geomorphology | 1.0 | 3.6 |
| AVERAGE | 3.7 | 3.3 |

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)

The following is a 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 |
|---------|--------|--|
| PWJ0003 | PA102D | Site preparation bulldozer crossed boundary during site preparation. |
| EJL0005 | CD104A | Harvesting occurred outside the FPP boundary (boundary delineated by vegetation change not blue tape). |
| MJS0296 | BS108E | Harvesting skidder crossed FPP Boundary into Wildlife Habitat Strip. |
| GCR0206 | UR041A | Harvesting skidder driven along a class 4 stream. |
| CWS0005 | BW117A | Harvesting occurred beyond demarcated boundary. |
| EJL0006 | LI153A | Harvesting feller buncher entered a WHS on existing track. |

6.3 Notices

6.3.1 S41 Notices

| S41 No. | FPP No. | Coupe | Non-conformance | Corrective action |
|---------|---------|-------------------------------|---|---|
| 2483 | SJM0011 | BW107A | Trees felled over harvest boundary into class 4 streamside reserve. | Trees to be removed. |
| 3642 | CPR0034 | 0826006B (Saddleback Pltn) | Harvesting hardwood trees outside of softwood boundary. | Cease harvesting outside boundary, additional training recommended. |
| 2101 | JJA0003 | 815113A | Oil contamination. | Remove oil contaminated soil |
| 4259 | EJL0010 | GC082C | Road construction took place within a class two streamside reserve (SSR). | S41.1 issued by FT – to remove debris from inside the SSR. |

6.3.2 S38 and S39 Notices

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

6.4 Fines or prosecutions

No fines or prosecutions issued to Bass District in 2004-2005.

6.5 Compliance with other legislation

Bass District complied with all other legislation.

7 Non-timber Forest Values

7.1 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 | Area at 30/06/2005 (ha) |
|---|-------------------------|
| Forest Reserves (ha) | 57,500 |
| Informal Reserves (ha) | 29,700 |
| Native forest outside provisional coupes (ha) | 82,800 |
| <i>Non-production Total (ha)¹</i> | <i>170,000</i> |
| State Forest Total (ha) | 396,700 |
| % Managed primarily for protection | 43% |

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

7.2 Biodiversity

- *Maintain biodiversity values*

| Special value | Area managed (ha) |
|------------------------|-------------------|
| Biodiversity Corridors | 36,191 |
| Cultural Heritage | 27,463 |
| Fauna | 37,754 |
| Flora | 69,974 |
| Geoconservation | 4,294 |

7.3 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 | 6 | |
| New Sites Identified | 9 | <i>E. viminalis</i> , Inland <i>E. amygdalina</i> , <i>Xanthorrhoea</i> , <i>Hierochloa rariflora</i> , <i>Notelea</i> , <i>Acacia pataczekii</i> , <i>E. amygdalina</i> on sandstone, <i>E. brookeriana</i> / <i>E. viminalis</i> , <i>E. ovata</i> , <i>E. subcrenulata</i> . |

7.4 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 |
|--------------------------------------|--------|--|
| Research studies conducted or funded | 3 | Simsons Stag Beetle Trial Plots, Giant Velvet Worm Cable Trial, Giant Freshwater Crayfish Juvenile study |
| Habitat Surveys Conducted | 17 | Skemps Snail, Hydrobiid Snails, Simsons Stag Beetle, Mount Arthur Burrowing Crayfish, Giant Freshwater Crayfish, Swift Parrot, Masked Owl, New Holland Mouse, Broad-striped Ghost Moth, Glossy Grass Skink, Giant Velvet Worm, Vandershoors Stag Beetle. |
| Animal/Nest Surveys Conducted | 98 | Wedge-tailed Eagle |
| Cooperative work with other agencies | 1 | Tasmanian Devil |
| Draft agreements in place | 1 | Simsons Stag Beetle |

7.5 Landscape Values

- *Conserve landscape values*

| | |
|--|--------|
| New area managed for Landscape/Visual Amenity 2004-2005 (ha) | 487 |
| Total area managed for Landscape/Visual Amenity (ha) | 32,182 |

Landscape maps have been updated with new viewpoints and revised visual sensitivity added. Visual Nature Studio software is used in the District to improve landscape analysis and assist with coupe design in areas with high landscape sensitivity. As a result of this detailed analysis coupes were modified as follows:

BW106A – The coupe shape was changed to give better landscape outcome.

RT203A – A higher basal area was retained to protect skyline values when viewed from Weymouth.

JV113A – Operations were changed from clearfall to seed tree retention incorporating a higher basal area along the skyline to protect the scenic views from the Lavender Farm.

Moorina – A major planning study was carried out in the Moorina Block for both landscape and biodiversity values, and coupe boundaries and treatments adjusted accordingly.

7.6 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 | 35 | 0 | 12 |
| 2004-2005 | 141 | 16 | 1 |

Non-Aboriginal Cultural Heritage Management

| Non-Aboriginal Cultural Heritage Management | Number | Site Types |
|---|----------|--|
| Cooperative work with other agencies | 1 | Chinese Hut Site in MO112 |
| Number of sites assessed¹ | 4 | |
| • <i>Number of sites in good condition</i> | 1 | Race and Sawmill in RR133B |
| • <i>Number of sites in average condition</i> | 2 | Ah Choon store, Race and Dam in MO116A |
| • <i>Number of sites in poor condition</i> | 1 | Cascades Chinese Site |

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

The Chinese Hut site in MO112 was the subject of a joint archaeological investigation by District staff, the Senior Archaeologist of the FPA, Archaeological consultants and staff from the Queen Victoria Museum and Art Gallery in Launceston.

7.7 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 | 35 | 1 | 0 |
| 2004-2005 | 5,366 | 0 | 0 |

Over 5,000 ha of forest was surveyed by the Aboriginal Heritage Officer, with no new sites found. Five staff members were trained to undertake the survey of new roadlines. The Scottsdale Ecocentre celebrated NAIDOC week with a ceremony for "Acknowledgment to Country".

7.8 Soil Conservation

- Conserve soil values

Identification of Soil Values

| | |
|--|--------------|
| Area assessed for soil erodibility (ha) | 8,456 |
| Low | 2,646 |
| Moderate | 3,242 |
| Mod-High | 1,105 |
| High | 1,457 |
| Very High | 5 |
| Unavailable for harvest due to erosion hazard | 44 |
| Number of landslips detected in the district | 0 |
| Total area within district managed primarily for soil conservation (ha) | 4,294 |

Prescriptions contained in Appendix 3 of the Forest Practices Code 2000 were applied to areas of high and very highly erodible granite soils in dry forests near St Helens. Ground reconnaissance of a coupe planned for cable harvesting revealed a series of deeply incised gullies and other erosion features. After consultation with the Senior Soil Scientist from the Forest Practices Authority, 44 ha was deemed to be unavailable for harvest because of the increased erosion hazard.

7.9 Geodiversity and Geomorphological Significance

- Maintain geodiversity and conserve features and systems of geomorphological significance

Protection of Geomorphological Sites

| | |
|--|---|
| Number of geomorphological sites identified | 7 |
| Number of geomorphological sites protected from damage | 7 |

Identified sites included Slump Pond, Boulder Scree, Karst, Sheet Granite and Springs and were all protected. Advice was sought from the relevant FPA specialist and in every case this was followed.

7.10 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) | 10 | 0 | 0 | Not listed |
| Glyphosate (Round Up) | 1 | 0 | 0 | 1000 µg/litre |
| Haloxyfop (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) | 180 | 0 | 0 | 30 µg/litre |
| Nitrates | 0 | 0 | 0 | 50 mg/litre |
| Nitrites | 0 | 0 | 0 | 3 mg/litre |
| Phosphorous | 28 | 28 | 1 | 100 µg/litre |
| Total Nitrogen | 51 | 51 | 21 | 800 µg/litre |
| Terbacil (Eucmix) | 2 | 0 | 0 | 30 µg/litre |
| Triclopyr (Garlon, Crazon) | 0 | 0 | 0 | 10 µg/litre |
| Sulfometuron-methyl (Oust, Eucmix) | 195 | 0 | 0 | Not listed |
| Spinosad (Success) | 65 | 0 | 0 | Not listed |
| Non-chemical Contaminants₂ | | | | |
| Temperature | 0 | 0 | 0 | No value set |
| Turbidity | 0 | 0 | 0 | 5 NTU |
| pH | 0 | 0 | 0 | 6.5-8.5 |
| Dissolved Oxygen | 0 | 0 | 0 | >85% |
| Electrical Conductivity (EC) | 0 | 0 | 0 | Not listed |
| TOTAL | 532 | 79 | 22 | |
| Spray Operations | | | | |
| No. spray operations | 80 | | | |
| No. spray operations where water samples taken | 72 | 11 | 5 | |

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).

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

Fuel or Chemical Spills

| | |
|--|----|
| Number of fuel or chemical spills | 1 |
| Volume of fuel or chemical spills (Litres) | 12 |
| Number of fuel or chemical spills that entered a watercourse | 0 |

An excavator at a quarry broke down and spilt 12 litres of oil onto the quarry floor. The spill was barricaded, absorbed with sawdust and disposed of. Levels of harvesting within Town Water Supply Catchments on State forest in Bass were well below the Forest Practices Code prescription of 5% per year. Actual harvest levels are as follows:

- Brid River 0.6%
- Cascade River 0.6%
- Fingal Rivulet 1.2%
- Forester River 0%
- George River 0.6%
- North Esk River 0.5%
- Ringarooma River 0.8%
- Scamander River 1.2%
- South Esk River 0.5%
- St Patrick's River 1.8%
- St Pauls River 0.2%
- George River 0.6%
- Fingal River 1.2%

7.11 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 |
|---------------|--|
| October 2004 | Auspine Scamander Car Rally; Screamer Car Rally, Scamander; Hollybank Ride-a-Thon |
| November 2004 | Australian Motorcycle Week |
| December 2004 | Northern Carriage Society Inc Children's Christmas Picnic, Hollybank |
| February 2005 | Tamar Valley 4WD Tour, Mt Horror |
| March 2005 | Esk Valley Orienteering, St Helens; Back to Roses Tier Celebration; Start of Sea College Mt Arthur Challenge |
| April 2005 | Northeast Equine Endurance Club, Lebrina |
| May 2005 | East Northeast School Cross Carnival, Griffin Park |
| June 2005 | Scamander 500 Car Club Rally; FEF Profession Development Tour to Blue Tiers FR |

Recreational Activities and Facilities on State Forest

| Activity | Site | Holly-bank | Sideling | Ever-creech | Blue Tier | Mt Victoria | Spring-field | Mt Stronach | Cuckoo Falls | Mathinna Falls | Eco Centre | Mt Barrow | Mt Puzzler | Little Plain | Griffin Park |
|----------------------------|------|------------|----------|-------------|-----------|-------------|--------------|-------------|--------------|----------------|------------|-----------|------------|--------------|--------------|
| Self Guided Interpretation | | Y | | Y | Y | Y | | | | | | | | | |
| Guided Interpretation | | | | | | | Y | | | | Y | Y | | | |
| Short Walk | | Y | Y | Y | | Y | | | | | | | | | |
| Day Walk | | Y | | Y | Y | Y | Y | Y | Y | Y | | Y | | Y | |
| Overnight Walk | | | | | | | | | | | | | Y | | |
| Education | | Y | | | Y | | | | | | | | | | |
| Cultural Heritage | | | | | | | | | | | Y | Y | | | |
| Mountain Bike Riding | | Y | | | | | | | | | | Y | | | |
| Trail Bike Riding | | | | | | | | | | | | Y | | | |
| Horse Riding | | | | | | | | | | | | Y | | | Y |
| Boating | | | | | | | | | | | | Y | | | |
| Canoeing | | | | | | | | | | | | | | | |
| Fishing | | | | | | | | | | | | | | | |
| Lookout | | Y | | | | | | | | | | | | | Y |
| Special Events | | | | | | | | | | | | Y | | Y | |
| Facilities | | | | | | | | | | | | | | | |
| Disabled Access | | Y | | | | Y | | | | | Y | Y | | | Y |
| Info/Visitor Centre | | | | | | | | | | | Y | Y | | | |
| Toilets | | Y | Y | Y | Y | Y | | Y | | | Y | Y | | | |
| Gas BBQ | | Y | | | | | | | | | | Y | | | |
| Wood BBQ | | Y | | | Y | Y | Y | Y | | | | | | | Y |
| Picnic Shelter | | Y | | Y | | Y | | | | | | | | | |
| Picnic Area | | Y | | Y | Y | Y | Y | | | | | Y | | Y | Y |
| Fireplace | | Y | | Y | | | Y | | | | | Y | | | Y |
| Camp Sites | | | | | | | | | | | | | | | Y |
| Caravan Sites | | | | | | | | | | | | | | | Y |
| 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 |
|------------------------|--------|---|
| Gas BBQ | 1 | Mt Barrow |
| Wood BBQ | 2 | Springfield; Blue Tier |
| Walking Tracks | 3 | Mathinna Falls; Mt Barrow Discovery Trail |
| Other (please specify) | 1 | Little Plain Lookout |

Visitor numbers

| Site | 2001-2002 | 2002-2003 | 2003-2004 | 2004-2005 |
|--------------------------|----------------|-----------|-----------|-----------|
| Evercreech | 5,000 | 7,740 | 4,452 | 4,799 |
| Mt Victoria/Ralphs Falls | 6,600 | 11,070 | 10,300 | 12,987 |
| Blue Tier | No data | 2,530 | 2,162 | 8,034 |
| Hollybank | 29,000 | 28,200 | 10,600 | 24,774 |
| EcoCentre | Not applicable | 46,800 | 48,000 | 38,683 |
| Mt Barrow | No data | No data | No data | 9,456 |

7.11.1 Education

Public and School Education Opportunities

| | No. Presentations | No. People |
|---|-------------------|------------|
| Public Education | | |
| <i>Eco Centre Tours by FT Staff</i> | 31 | 1,069 |
| <i>Forest Tours by FT Staff (FEF tours, Science Week Tours)</i> | 2 | 60 |
| <i>Forest Management Presentations</i> | 4 | 96 |
| <i>Number of positive newspaper articles</i> | 19 | |
| School Education | | |
| <i>School Tours by FT Staff</i> | 0 | 0 |
| <i>School Visits</i> | 22 | 189 |
| <i>Students – Work Experience</i> | | 5 |

Educational tours throughout the year included Exeter Child Care Centre twice-yearly tour of the EcoCentre; Scottsdale High School students visiting the Sideling and Springfield Arboreta; FEF Professional Teachers Development of the NE and Science Week NE Plantation tour.

7.12 Community Liaison and Sponsorship

Bass District staff were involved in the following community activities:

- *Liaising with Dorset Council in hosting the inaugural Forestry Tasmania Scottsdale Cycling Grand Prix.*
- *Working with Mineral Resources Tasmania and St Helens History Room in the stabilisation of the Anchor Stampers as well as the construction of a walking track.*
- *Appointment of track caretakers under the Adopt-a-Track Program (between WILDCARE Inc and Forestry Tasmania) for the Brisies Race, Halls Falls and Anchor Stampers walking tracks.*

- Working with Scottsdale District High School students in the design and construction of shelters for the Sideling and Springfield arboreta.
- Numerous district schools career information workshops.
- Working with the Cornwall and St Marys community in relation to developing a cultural (mining) walking track, linking the old Mt Nicholas township to South Sister.

Community Forums Attended By District Staff

| Community forum categories | No. meetings 2002-2003 | No. meetings 2003-2004 | No. meetings 2004-2005 |
|----------------------------|------------------------|------------------------|------------------------|
| Fire management | 0 | 0 | 5 |
| Catchment management | 19 | 9 | 7 |
| Local emergency management | 4 | 0 | 0 |
| Education | 0 | 2 | 13 |
| Local government | 0 | 14 | 17 |
| Cultural management | 0 | 5 | 3 |
| Biodiversity management | 34 | 2 | 1 |
| Feral animals/weeds | 0 | 0 | 6 |
| Industry | 0 | 1 | 13 |
| Recreation/tourism | 31 | 38 | 26 |
| Regional planning | 0 | 59 | 42 |
| Conservation/environmental | 4 | 12 | 8 |
| Forest practices | 0 | 0 | 0 |
| Other | 8 | 0 | 12 |
| TOTAL | 100 | 142 | 153 |

District Sponsorship

| Name of Organisation | Value |
|--|-----------------|
| Waterwatch "Bridport Splash" | \$20 |
| Back to Roses Tier community celebration | \$120 |
| Golconda Circus Festival | \$3,500 |
| Derby Community Development Assn | \$500 |
| NE School Cross Country Carnival | \$500 |
| Scottsdale High School Arboreta excursion | \$180 |
| Derby Carols by Candlelight | \$100 |
| Hollybank Ride-a-Thon | \$50 |
| Lions Launceston-Riverside Children's Christmas Celebrations | \$300 |
| St Helen's Playgroup Festival | \$100 |
| St Mary's District High | \$25 |
| St Helen's Rotary Club | \$100 |
| Derby River Derby | \$100 |
| St helens Playgroup | \$960 |
| Scottsdale Golf Tournament | \$50 |
| Forestry Tasmania/ Scottsdale Cycle Grand Prix | \$9,000 |
| St Mary (Wombat) River Walk | \$20 |
| Ravenswood Community Garden | \$388 |
| TOTAL | \$16,013 |

7.13 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 | 3 |
| Existing EL Reviews and Development Proposals | 0 |
| New Works Programs | 4 |
| Mineral Lease Applications | 1 |
| Mineral Lease reviews and reports | 0 |
| Number of Site Rehabilitations | 1 |