

MINUTE ITEM  
This Calendar Item No. C13  
was submitted for information  
only, no action thereon  
being necessary.

INFORMATIVE  
CALENDAR ITEM

**C 1 3**

A 1  
S 4

03/27/90  
PRC 6194  
S. Jones

1989 ANNUAL REPORT OF CALIFORNIA DEPARTMENT OF FORESTRY  
AND FIRE PROTECTION ON MANAGEMENT OF SCHOOL LANDS  
THROUGH INTERAGENCY AGREEMENT

BACKGROUND:

Through an interagency agreement between the State Lands Commission (SLC) and the California Department of Forestry and Fire Protection (CDF), dated July 1, 1980, and subsequently amended March 1, 1983, July 1, 1986, and March 2, 1988, CDF is authorized to manage surface resources of 18 State school lands parcels located in Shasta, Trinity, Lake, Alpine, Tulare, Santa Cruz, Tehama, and Fresno counties.

Under the terms of the agreement, CDF manages the parcels for:

- 1) experimentation,
- 2) demonstration of sound and innovative forest management techniques to small private owners, and
- 3) acceleration of the sale and harvesting of merchantable timber from the parcels.

As part of the project, the full range of approved California Forest Improvement Plan (CFIP) practices are to be incorporated as appropriate to the parcels.

In 1982, CDF prepared, circulated, and adopted an EIR for a project (SCH #81082617) covering ten of the parcels. Two supplemental EIRs covering six additional parcels were prepared

CALENDAR ITEM NO. 13 (CONT'D)

in 1985 and in 1987 pursuant to Section 15163 of the State CEQA Guidelines. Road construction, timber harvesting, Christmas tree harvesting, forest land conservation measures, wildlife habitat improvement, and fuel reduction programs have been accomplished on various parcels to date.

Net revenue to the State Teachers Retirement System totaled \$461.25 during the report year. Additional revenue attributable to this year will be received as sold timber is harvested.

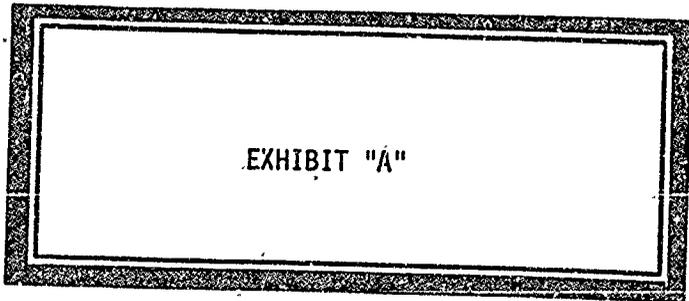
SUMMARY OF 1988 ANNUAL REPORT

The specific program accomplishments in 1989 under the direction of Dan Higgins, CDF Forester, include:

1. McCloud Arm Timber Sale (Shasta County): 1,061,100 board feet of timber was sold on April 10, 1989 for an estimated \$204,454.78. Seventy-five percent (75%) of this amount, or approximately \$153,341.08, will go to the State Teachers Retirement System when the harvesting is complete.
2. Campbell Creek Timber Sale (Shasta County): 856,000 board feet of timber was sold on August 16, 1989 for an estimated \$234,280. Seventy-five percent (75%) of this amount, or approximately \$175,710 will go to the State Teachers Retirement System when the harvesting is complete.
3. Battle Creek parcel (Shasta County): 1,000 Ponderosa pine seedlings were planted; thirty acres were pre-commercially thinned; two video tapes were made which demonstrate cable yarding methods; and a marijuana garden was discovered and 39 plants were confiscated by the Shasta County Sheriff's Office.
4. Summit City Annex (Shasta County): 12,000 eucalyptus seedlings were planted.
5. Viola parcel (Shasta County): Thinning and slash piling has been completed on 98 acres. Material suitable for fuelwood has been sold for \$300.

AB 884: N/A.

EXHIBIT: A. Annual Report



1989 ANNUAL REPORT

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION  
STATE LANDS CONTRACT MANAGEMENT

SHASTA-TRINITY RANGER UNIT

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Table 1 - State Lands Contract Parcels

Parcel Name	Total Acreage	Harvest Year/Acres/MBF	PCT (acres)		Prescribed Burn (acres)		Brush Raked (acres)		Planting (acres)		Fuelwood (acres)	Comments
			C	U	C	U	C	U	C	U		
Lake Britton	63	1983/ 25/ 124.3	12	0	52	0	NS		6	0	30	Work completed except for observations
Montgomery Creek	43	1984/ 30/ 55.0	6	8	0	30	NS		3	0	12	Work will commence when road access is completed.
Viola	200	1986/ 135/ 1,165.5	98	27	10	5	55	0	55	10	266	Extensive utilization of wood products. Progressing towards a production Christmas tree farm.
Buckhorn	10	1982/ 6/ 36.4					2	0	6	2	10	Experimental Eucalyptus plantation established; excellent public interest.
Summit City	25	5 acre Eucalyptus plantation and 5 replications of 64 experimental trees, 5 acre Coulter pine plantation					18	0	18	0		Expansion of experimental Eucalyptus plantations.
Summit City Annex	109	Establishment of a production plantation with fertilizer, and spacing trials.					25	0	21	4		
Battle Creek	200	1988/ 155 / 1,242.8	30	10	0		NS		3	7	55	1,800 feet of new road construction
Campbell Creek	640	1990/105/856 est.	5	40	0		NS			20		Large VMP burn planned for deer habitat improvement, hardwood management experiment in progress.
McCloud Arm	640	1990/205/1,061 est.		0		NS				NS		7,600 feet of new road construction.
Shasta Springs	280	1990/ / 1,000est.					120	0		60		Road access is the consideration.
MINUTE BAR	160	1991/ / 200est.					40	Determined		80		Marsh site regeneration projects.
WYVICK	80	1991/ / 500est.				NS		NS		10		

C - Completed . NS - Nothing Scheduled  
 U - Uncompleted

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I. ABSTRACT

Two (2) timber sales were sold for a combined estimated net revenue of \$438,734.78. The contract completion date for each sale is June 30, 1990. Crews from Ishi Conservation Camp have been on timber stand improvement projects at Viola and Battle Creek for a period of eight (8) months each. A new eucalyptus demonstration area was planted with 12,000 trees on the Summit City Annex parcel. Three (3) species will undergo spacing and fertilizer trials. A video tape of the zig-zag monocable was produced, as was a tape on a watercourse crossing using a modified Humboldt log deck.

## II. PARCEL ACTIVITY

### A) McCLOUD ARM

Sealed bids for the timber sale were opened April 10, 1989. The following high bid was submitted by Borelli Logging;

PP/SP	426.6 MBF @ \$278.43/MBF	=	\$118,778.24
DF	634.5 MBF @ \$135.03/MBF	=	<u>\$ 85,676.54</u>
	Estimated Net Revenue		\$204,454.78

An archeological survey was completed in September. A preservable site was located and will be protected from any adverse logging activities. New roads for the sale were constructed in October, with harvesting expected to commence in April of 1990.

### B) CAMPBELL CREEK

The lumber market has increased dramatically and a fourth timber sale attempt was finally successful. Bids were opened on August 16, 1989. The high bid was submitted by Sierra Pacific Industries (SPI) for the following stumpage prices;

PP/SP	211 MBF @ \$340.00/MBF	=	\$ 71,740.00
DF	645 MBF @ \$252.00/MBF	=	<u>\$162,540.00</u>
	Estimated Net Revenue		\$234,280.00

SPI will haul the logs north and cross the Sacramento River near Pollard Flat on Interstate 5. A temporary, private bridge owned by SPI was constructed at this point for hauling logs from a newly developed harvest area.

An archeological survey in August found nothing of historical significance.

C) BATTLE CREEK

Crews from Ishi Conservation Camp have been busy this year. One thousand 2-0 Ponderosa pine were planted in understocked areas in the spring. Thirty (30) acres of thinning were completed and the slash burned. Thirty-four cords of fuelwood were salvaged from the thinned material and sold for a total of \$521.60. The fuel load on this thirty acres was reduced from approximately 37 tons per acre to 17 tons per acre.

A video tape of the zig-zag monocable yarding system was produced and is available to interested parties. A second tape demonstrating a one-end log drag over a creek using a modified Humboldt crossing was completed and is available. Each tape is about ten minutes in length.

A marijuana "garden" was discovered in July. The Shasta County Sheriff's Office was notified and 39 plants were confiscated.

D) SUMMIT CITY

Trees damaged by the snow and cold in December 1988 and January 1989 have exhibited a remarkable recovery. New leaves replaced the foliage burned by the cold. Of the trees bent over by the weight of the snow, only the few large diameter trees, over four inches, have

not returned to an upright position.

Pronone 10G applied in November 1988 has killed the manzanita and red bud. Black oak, live oak, and toyon have not been affected.

Off-road vehicle use on the parcel continues to be a problem. The vehicles have stopped running over the trees (due to size) and are keeping to the trails they have created.

E) SUMMIT CITY ANNEX

In March, twelve thousand (12,000) eucalyptus were planted. Four thousand (4000) each of *E. viminalis*, *E. camaldulensis*, and *E. nitens* were planted at spacing of 6 x 6, 8 x 8, and 10 x 10 feet. In addition, a few *E. amplifolia*, *E. grandis*, and *E. johnstonii* were planted to test for cold tolerance and growth characteristics.

Rains in March and April saturated the soils temporarily. A drought pattern became established again in May and has continued to date. The roots of the young trees did not have a sufficient source of soil moisture, and a mortality in excess of 50% is probable. A survival count will be taken in the spring of 1990 and results included in the next report.

F) VIOLA

Thinning and slash piling have now been completed on 98 of 125 acres. Only 14 of the 98 acres remain to be burned. Stems suitable for fuelwood are being salvaged by a commercial woodcutter. This year 60 cords were sold for a revenue of \$300.00.

On November 21st, a prescription burn was attempted on a three (3) acre unit. An area one-half (1/2) acre in size was completed before the burning was shut down. The extremely dry conditions caused the bark on the larger trees to ignite, and the chance of a crown fire developing was high. On December 27th, sparks escaped from a burn pile and approximately ten acres of ground slash were burned. No damage to the residual stand resulted. As a result of the pile burning and this beneficial escape, fuels on an additional 37 acres were reduced from 53 tons per acre to approximately 15 tons per acre.

Pronone 10G applied in the Ponderosa pine plantations continues to be an effective herbicide through the second season after application. Brush and forbs have not re-established as a future competition problem.

G) NO WORK OCCURRED ON THE FOLLOWING PARCELS

- Montgomery Creek
- Lake Britton
- Zuckhorn Lake
- Fawn Lodge
- Hayfork Divide
- Shasta Springs

H) PARCEL EXCHANGE

The State Lands Commission is presently in the process of exchanging scattered parcels of land. Acreage lying inside the boundaries of National Forests have been identified for trade to the Federal Government. The proposed trade could include the Lake Britton, Campbell Creek, and McCloud Arm parcels. They were recently cruised and appraised by an RPF from the Natural Resources Management Corporation. Two of the parcels have pending timber harvests that will not be affected by the proposed trade.

I) CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION/  
STATE LANDS COMMISSION CONTRACT

The land management contract between the California Department of Forestry and Fire Protection and the State Lands Commission terminates June 30th, 1990. A five (5) year extension of the contract was requested by the Shasta-Trinity Ranger Unit in June 1989. No decision has been made to date.

### III. PERSONNEL

Forestry Assistant II Chuck Abshear was on board from March 1st to July 31st. Chuck's work centered around timber stand improvement on the Battle Creek and Viola parcels, pre-sale work on the McCloud Arm parcel, and producing the two (2) video tapes.

Fire Captain Lyle Jonas worked from December 1st to April 30th. Lyle is a graduate forester and manages to contribute his enthusiasm and experience during the winter months. His main accomplishment last year was the eucalyptus planting at the Summit City Annex parcel.

