



Director's Report to the Board of Forestry

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July 2017 Board of Forestry Report

Resource Management

Forest Practice Program (through 6/30/2017)

Plan Submissions:

- **THP submissions:** THP submissions through June 2017 were slightly less than the total number through June last year (98 compared to 106 in 2016 for a difference of 8%).
- **NTMP submissions:** NTMP submissions were 33% lower than in June of last year (i.e., 8 compared to 12). NTO submissions were the same as the total received in June last year (61).
- **Exemption Notice submissions:** Exemption submissions were 17% lower compared to June last year (i.e. 1,296 compared to 1,556). The number of Drought Mortality Exemptions filed in June this year is down by 21% compared to last year (463 compared to 584), but the area covered is only 8% lower.
- **Emergency Notice submissions:** Emergency Notice submissions were down approximately 67% compared to June of last year (i.e. 41 compared to 124).
- **Plan Approval:** 103 THPs have been approved to date this year; this is 18 less than the total from the same time-period last year. 7 NTMPs have been approved to date this year compared to 8 approved by this time last year.

Watershed Protection Program Update:

- Watershed Protection Program Manager, Pete Cafferata, participated in the US Forest Service Pacific Southwest Research Station Ecosystem Function and Health (EFH) program review held in Davis.

Timber Regulation and Forest Restoration Fund (TRFRF)

Updated from the TRFRF Database (01/01/2017 through 6/30/2017):

- **Specific TRFRF Forest Practice Effort:** The Forest Practice Program has utilized 59,641 hours in conducting forest practice activities in the following breakdown: review and processing of THPs (20.9%); conducting forest practice inspections (23.7%); participating in mandated training (11.6%); supervising and managing the forest practice program (8.9%); processing and managing the data related to THPs (11.3%); forest practice law enforcement (2.3%); program/project monitoring (1.0%); and responding to

letters of concern (0.8%). Other activities comprising an insignificant portion of the time include Board of Forestry and Fire Protection related activities, ecological performance, and litigation. *(This represents TRFRF funded forest practice effort only.)*

- Total Departmental Forest Practice Efforts:** The Forest Practice Program has utilized a total of 65,273 hours in conducting forest practice activities and non-forest practice activities in the following breakdown: review and processing of THPs (21.4%); conducting forest practice inspections (24.1%); emergency incident support (1.8%); participating in mandated training (11.3%); supervising and managing the forest practice program (9.1%); processing and managing the data related to THPs (10.6%); other duties in support of unit programs (7.2%); other forestry related activities (9.3%); forest practice law enforcement (2.1%); project/program monitoring (1.6%); and responding to letters of concern (0.9%). Other activities comprising an insignificant portion of time include Board of Forestry and Fire Protection related activities, ecological performance, and litigation. *(This represents all forest practice efforts both TRFRF and Non-TRFRF funded.)*

Timber Operators Licensing and Forest Practice Enforcement Updates:

The following tables summarize LTO and Enforcement Activities since the last report.

Table: LTO License Status

Status	#
New Applications Rec'd	10
Renewal Applications Rec'd	13
New Licenses Issued	8
Licenses Renewed	12
Incomplete Applications Rec'd	3
Applications Returned	3

Table: Active Civil Penalties Case Status

Status	# of Cases
Rec'd in 2017	26
Under Review	29
Development for Signature	5
CPO Signed, Mailed, Served	14
Due and Payable	2
Hearing Scheduled	0
Settlement Mitigation	3
Payments	6
Probation	8
Judgement Needed	8
Other	4
Total	79

Resource Protection and Improvement Program

Demonstration State Forests:

- A biomass “snip and chip” Class I timber sale is currently under way on Latour Demonstration State Forest to reduce the fuel loading and stocking of noncommercial size classes and to improve residual tree vigor.
- A research project at Mountain Home Demonstration State Forest has been approved to study drought effects on tree mortality and fuel loading.

- Two new external research projects on tailed frogs and Class II Large watercourses, respectively have been approved on Jackson Demonstration State Forest.

Lewis A. Moran Reforestation Center (LAMRC):

- \$78,529.13 in revenue for 2016-2017 generated through seed sales, storage, and processing.
- Cone Crop Survey Packets/collection bid packets: Survey packets were mass emailed to Region Chiefs, Unit Chiefs and Unit Foresters in the first week of June with a due date this year of July 15.

Fire and Resource Assessment Program (FRAP):

- FRAP staff are assisting FCAT in incorporating edits to the Forest Carbon Plan and other supporting documents based on public comments received. A science team review of the draft Forest Carbon Plan coordinated by FRAP was completed and provided to FCAT. The Forest Carbon Plan is expected to be finalized in the next few months.

California Forest Improvement Program (CFIP):

- The CFIP program has completed the encumbrance of the TRFRF funding allocations from FY 15/16 and FY 16/17. Open contracts continue to complete their projects and are expected to continue through 2019 given that some projects require multiple entries for site preparation and follow up herbicide treatments.

The following table shows the status of current funding sources and details for contracts within CFIP:

Funding source	# of contracts	\$\$ Encumbered	\$\$ Expended	Acres under contract
High Speed Rail	7	\$556,702.00	0	
TRFRF 15/16	105	\$3,450,000.00	\$408,535.00	34,709.76
TRFRF 16/17	97	\$3,450,000.00	\$146,353.00	17,516.72

Forest Pest Management:

- Pest Management staff has added a second training for forest insect and disease recognition and management for industry foresters due to the high demand for the course. There will now be courses offered in the Redding area in both September and October.

Tree Mortality Task Force (TMTF):

- TMTF leadership have initiated a “pulse check” on the TMTF process to ensure its structure, function, and objectives continue to be relevant and valuable and to continue

a high level of stakeholder engagement. A set of questions was sent to the County representatives and the TMTF Working Group leaders to get a sense of how priorities might be changing within the counties and working groups and how the Task Force can best respond to support these entities.

- The Resource Allocation Working Group has posted a draft list of grants for projects related to tree mortality including reforestation, forest and watershed health, disaster relief, aid to seniors, community impacts, fire prevention, etc.:
<http://www.fire.ca.gov/treetaskforce/downloads/TMTFResources/AvailableGrants6.26.2017.xlsb.pdf>
- The Mapping and Monitoring Working Group has posted the process for local designation of Tier 2 High Hazard Zones. These designations use local evaluation of watershed conditions based on established criteria and requires approval of the Local CAL FIRE Unit Chief and USFS Forest Supervisor.
http://www.fire.ca.gov/treetaskforce/downloads/TMTFMaterials/Tier2HHZ_CommsPlan_20170626v1.pdf

Fire Protection

Law Enforcement/Civil Cost Recovery:

- Last month, CAL FIRE Law Enforcement made 7 arrests and issued 55 citations (excluding 4291).
- Last month, CAL FIRE received \$57,805 resulting from Civil Cost Recovery actions.
- For fiscal year 2016, CAL FIRE received a total of \$15,658,881 in fire suppression cost recovery.
- On June 30, 2017, CAL FIRE Law Enforcement Officers (LEO) seized several hundred pounds of illegal “dangerous” fireworks from an individual who had been advertising and selling fireworks online. Officers secured a transaction site in the Redding area and a purchase of fireworks was made. Immediately following, CHP Officers, with the assistance of CAL FIRE LEOs, conducted an enforcement stop of the suspect vehicle. A search of the vehicle revealed the subject was in possession of approximately 300 pounds of “dangerous” fireworks, which are unlawful to possess in California. CAL FIRE LEOs arrested Jonathan Ponce 22, of Wheatland, California for selling and possessing “dangerous” fireworks. Ponce was booked into the Shasta County Jail for possession of greater than 100 pounds of fireworks.
- One June 20, 2017, CAL FIRE LEOs working with the Siskiyou County Sheriff’s Office, conducted a joint investigation into a working Honey Oil Lab following its discovery after CAL FIRE investigated a wildland fire originating from an illegal debris burn. The lab equipment was estimated to be worth \$100,000 plus a large amount of finished product. A suspect has been identified and is being sought.

- On June 14, 2017, Zane Peterson was sentenced to 44 years in state prison (he must serve 85% of his sentence) for starting several fires in Shasta County, including the devastating Clover Fire in 2013, which burnt over 8,000 acres and destroyed several homes. After hearing the testimony, the judge imposed the maximum sentence allowed for the 22 felony counts to which Peterson had plead guilty.

Fire Protection Operations:

- An isolated mobile radio recall was implemented once the Department and the manufacturer of the radio identified a hardware issue in a select number of radios. Most radios were still confined to pallets, so the impact on the field was minimal. The issue was addressed and a plan is in place to remove/repair the affected units by July 14th. Quick work by the Telecom program and the radio manufacturer resulted in a successful recall with no firefighter injuries or compromise of safety.
- The SCOUT project (in cooperation with Cal OES) is moving forward with Phase 2 onboarding of additional users/cooperators. A training platform/dedicated server has been set up to allow more users to become proficient with the program.

Mobile Equipment:

- Mobile Equipment Management has purchased 350 vehicles of various types and kinds from the approved FY 2016-17 Fleet Acquisition Plan. New replacement vehicles should begin entering the facility for outfitting in 90–120 days. Releases to the field will occur over several months.

Aviation Management Unit:

- Senior Aviation Officer Bill Payne retired on June 30, 2017. We continue to have difficulty filling the position with interested candidates due to pay compaction between the Aviation Officer III classification and the Senior Aviation Officer classification. In the absence of the Senior Aviation Officer, the two Aviation Officer III's and the single Staff Services Manager 1 are reporting directly to the Asst. Deputy Director of Fire Protection in their respective roles and responsibilities.
- All CAL FIRE aircraft are in service and out of winter maintenance in time for heightened fire activity. The Tanker 79 rebuild is progressing nicely with both engines now installed. We anticipate Tanker 79 beginning its testing in the fall of 2017.

Tactical Air Operations:

- Tactical Air Operations is working with the military in preparation for their use of ground crew and aviation assets should the need arise. Reconciliation of Retired Annuitants (RA), which are the mainstay of the military program, is showing a pool of 31 RAs willing to participate in 2017.

Cooperative Fire Program:

- Local Government Program: The Cooperative Fire/Local Government Program is facilitating the review of two potential Local Government Fire Protection Reimbursement Agreements.
 - The County of Mariposa proposal will provide two chief officers and one fire captain to oversee the operations of the County's all-volunteer fire department. This process is currently in the Proposal Review stage and administrative programs have until August 9th to comment on the formal draft Proposal.
 - The City of Montclair full-service proposal will provide for 20 to 26 personnel (depending on option selected) who are currently local government employees and who would be transitioned to state service. The proposal has passed the Concept Review stage and will soon begin the six-week Proposal Review stage.
- Conservation Camp Program:
 - On June 28th, the CDCR/CAL FIRE Policy Workgroup met to finalize revisions to the CAL FIRE 6400 Handbook. This body of policy defines the operation and administration of all conservation camps. It is jointly drafted and revised document and must be approved by the directors of both agencies prior to publication.
 - The statewide Conservation Camps population as of Thursday, July 6, 2017:
 - The current statewide shortage of fire crew members assigned to fire crews is 771, a decrease of 8 from 779 as of June 22, 2017.
 - The inmate population remains at 86% of capacity.
 - Hand crew capacity stands at 77%.
- State – Federal Program: The CFMA renewal process is near completion at the agency representative level. A meeting on July 11th will focus on the final draft review. The work of the subject matter experts has been completed and the agency representative group will now attempt to reach consensus on any proposed language changes. Those issues which cannot be resolved at that level will revert to executive management for discussions and final negotiations. The currently proposed timeline includes submission of the draft document to agency legal counsels for review in September and final routing for execution by February of 2018.
- Safety, EMS Program
 - On Friday, June 30, 2017, the new Self-Contained Breathing Apparatus (SCBA) contract was awarded to All Star/Scott SCBA. With this award, CAL FIRE will now be able to transition, over the next few years, into SCBAs compliant with all the National Fire Protection Association (NFPA) 2013 SCBA standards.

- CAL FIRE has a goal of having an Automated External Defibrillator (AED) carried on all its Emergency Crew Transports (ECT's). Ninety-three of the 250 needed AED's were purchased on June 28th to be distributed to the ECTs in the Southern Region Units. The next purchase is expected to occur in early July for distribution to Northern Region Units. All inmate crewmembers and CCC members will be trained in American Heart Association "Hands Only CPR," as well as receive training on the new AEDs.
- Training Program
 - Department Training
 - The Advanced All Hazard Incident Management (AAIM) Workshop is scheduled for mid-July. The Workshop will be developing a new incident scenario for the May 2018 class. There will be two more similar meetings before May 2018.
 - CAL FIRE uses the AAIM course for training and maintaining the proficiency of our Type 1 Incident Management Teams (IMT).
 - CAL FIRE Training Center
 - New energy efficient windows are being installed in the facility buildings during the first three weeks of July.
 - The project replacing the main entry gate from Highway 104 is underway with expected completion by August.

Office of the State Fire Marshal

SRA Fire Prevention Fee Program:

- The California Legislature has allocated \$10 million in the 2017-18 California State Budget for the 2017-18 State Responsibility Area Fire Prevention Fund (SRAFPF) Grant Program. Program staff has begun the process to update the 2017-18 SRAFPF Grant Program Procedural Guide and application process. Program anticipates releasing the 2017-18 SRAFPF Grant Program applications in mid to late August 2017.
- The SRA Program staff has scheduled 11 SRAFPF & Tree Mortality Grant Program Workshops throughout the State in June and July. The workshops provide information on the application process, invoicing, CEQA, resource use and other key items for current and future grantees. The six workshops held in June were well attended and had positive feedback from the public. The June workshops were held in Placerville, St. Helena, Morgan Hill, Sanger, Sonora, and Santa Barbara. There are five more workshops scheduled for July at Riverside, San Bernardino, San Diego, Eureka, and Redding.
- On July 3, 2017, one SRA Program position was reclassified from a Staff Service Analyst (SSA) to an Associate Governmental Program Analyst (AGPA) due to the increased workload and complexity of the SRA Grant Program. The SRA Program is

currently managing and tracking \$25 million of SRA and Tree Mortality Grants totaling 253 projects.

Wildland Pre-Fire Engineering:

- Defensible Space Program:
 - All electronic tablets and accessories have been distributed to the field, and are being used to collect inspection data.
 - 250,000 copies of the new LE-100a form have been printed and distributed to all Units.
 - PowerPoints and training videos are all available on the Intranet to assist with transitioning from the traditional paper inspection process to the new electronic format.
 - Monthly data is quickly becoming easier to access as all Units continue to upload inspection data into the statewide database.
 - Hiring process for a new GIS analyst position is continuing.
- Damage Inspection Program:
 - DINS curriculum and task books continue to be developed by FIRESCOPE working group.
 - As of this writing, there have been no DINS deployments yet this fire season.

Fire Plan:

- Updated Unit Fire Plans for 2016 have been submitted and are being reviewed at the Sacramento level. The new plans should be posted online by August.
- The 2018 Strategic Fire Plan rewrite committee is continuing work on the new Plan.

CAIRS:

- CAIRS Staff is nearing completion of 2016 Redbook data. Final components are completion of SRA and DPA maps, which have been received by FRAP.

Land Use Planning

- Sacramento staff continues to review internal program processes to ensure messaging and level of service is consistent statewide.
- Staff will be taking over full responsibility for Firewise Communities across the State. Coordination meetings with NFPA are anticipated for August.

California Forest Practice Rules -Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through June

Rule	Type of Exemption	Admin Area	2016		2017	
			Count	Acres	Count	Acres
1038(a)&(b)	Dead, Dying, Diseased/Fuelwood, Split Products/Christmas Tree	Coast	67	292,474	69	303,140
		Cascade	302	1,674,214	231	1,592,213
		South	1	240	1	240
		Sierra	64	230,149	30	247,427
		Totals	434	2,197,077	331	2,143,020
1038(k)	Drought Mortality	Coast	5	445	11	4,179
		Cascade	142	16,417	96	7,769
		South	0	0	0	0
		Sierra	437	49,732	356	49,563
		Totals	584	66,594	463	61,511
1038(c)	Fire Hazard (150 ft.)	Coast	47	64	49	71
		Cascade	111	217	90	170
		South	0	0	0	0
		Sierra	38	211	14	36
		Totals	196	492	153	277
1038(c)(6)	Fire Hazard (150 ft.) and Fire Hazard (300 ft.)	Coast	5	21	0	0
		Cascade	0	0	3	47
		South	0	0	0	0
		Sierra	0	0	0	0
		Totals	5	21	3	47
1038(c)(6)	Fire Hazard (300 ft.)	Coast	1	6	4	7
		Cascade	3	13	6	28
		South	0	0	0	0
		Sierra	2	6	6	30
		Totals	6	25	16	65
1038(i)	Forest Fire Prevention	Coast	0	0	1	58
		Cascade	2	10	3	229
		South	0	0	0	0
		Sierra	0	0	0	0
		Totals	2	10	4	287
1038(j)	Forest Fire Prevention Pilot	Coast	2	120	1	67
		Cascade	13	1,409	8	1,162
		South	0	0	0	0
		Sierra	0	0	1	161
		Totals	15	1,529	10	1,390
1104.1(a)	Less Than 3 Acre Conversion	Coast	70	179	39	102
		Cascade	186	392	79	151
		South	1	3	1	3
		Sierra	17	27	17	29
		Totals	274	601	136	285
1104.1(b)&(c)	Public Agency/Utility Right-of-Way	Coast	4	14	4	433
		Cascade	8	76	41	33,475
		South	0	0	0	0
		Sierra	25	885	131	123,718
		Totals	37	975	176	157,626
1038(g)	Slash Removal	Coast	0	0	0	0
		Cascade	1	20	0	0
		South	0	0	0	0
		Sierra	0	0	2	2,273
		Totals	1	20	2	2,273
1038(d)	Sub Damaged Timberlands	Coast	0	0	0	0
		Cascade	2	1,500	2	133
		South	0	0	0	0
		Sierra	0	0	0	0
		Totals	2	1,500	2	1,504
	All Exemptions	Grand Totals	1,556	2,268,844	1,296	2,366,914

California Forest Practice Rules -Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through June

Type of 1052 Emergency Notice	Admin Area	2016		2017	
		Count	Acres	Count	Acres
Drought	Coast	0	0	0	0
	Cascade	3	1,336	1	27
	South	0	0	0	0
	Sierra	2	4	1	11
	Totals	5	1,340	2	38
Fire	Coast	36	5,559	5	359
	Cascade	23	2,090	24	4,746
	South	0	0	0	0
	Sierra	55	3,623	0	0
	Totals	114	11,272	29	5,105
Fuel Hazard Reduction	Coast	0	0	0	0
	Cascade	0	0	0	0
	South	0	0	0	0
	Sierra	0	0	2	53
	Totals	0	0	2	53
Insect	Coast	0	0	0	0
	Cascade	4	403	1	244
	South	0	0	0	0
	Sierra	1	118	5	349
	Totals	5	521	6	593
All Other Emergency Notices	Coast	0	0	1	3
	Cascade	0	0	1	58
	South	0	0	0	0
	Sierra	0	0	0	0
	Totals	0	0	2	61
All Emergency Notices	Grand Totals	124	13,133	41	5,850



The State of California and the Department of Forestry and Fire Protection make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental, or consequential damages with respect to any claim by any user or third party on account of or arising from the use of data or maps. Acreage is taken from the documents of record and may not represent acres harvested on the ground.

Data Source: Forest Practice System (FPS)
Data Contact: fpgis@fire.ca.gov

**CALENDAR YEAR 2017
TIMBER HARVESTING INFORMATION THROUGH JUNE**

Note: This information is for Timber Harvesting Plans, Exemptions, Emergencies, and Nonindustrial Timber Management Plans submitted to the Department during a calendar year. The numbers are the cumulative totals for the calendar year as of the specific date

Year Comparison	Santa Rosa		Redding		Riverside		Fresno		Totals	
	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016
THPs Received	71	71	18	30	0	0	9	5	98	106
THPs Rejected for Filing (Returned)	17	16	5	7	0	0	5	4	27	27
THPs Pre-Harvest Inspections	75	76	21	33	0	0	6	5	102	114
THPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
THPs Denied	0	1	0	0	0	0	0	0	0	1
THPs Approved	74	74	26	43	0	0	3	4	103	121
Acreage in Approved THPs	21,589	22,551	9,562	23,677	0	0	338	1,767	31,489	47,995
NTMPs Received	6	11	2	1	0	0	0	0	8	12
NTMPs Rejected for Filing (Returned)	1	6	1	1	0	0	0	0	2	7
NTMPs Pre-Harvest Inspections	9	9	2	1	0	0	0	0	11	10
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	6	5	1	3	0	0	0	0	7	8
NTMPs Approved Acres	760	842	1,638	4,149	0	0	0	0	2,398	4,991
NTMP Notice of Timber Operations Received	48	49	8	9	0	0	5	3	61	61
Exemption Notices Received	182	201	559	770	2	2	557	583	1,300	1,556
Emergency Notices Received	6	36	26	30	0	0	7	58	39	124
Exemption Types Received 2017	< 3 Acre Conversions		Fire Hazard		Forest Fire Prevention		Dead Dying Diseased		Other Exemp	Rec'd 2017
Santa Rosa	39		53		2		69		19	182
Redding	79		99		11		231		139	559
Riverside	1		0		0		1		0	2
Fresno	17		20		1		30		489	557
Emergency Types Received 2017	Fire		Fuel Hazard		Insect		Wind		Other Emerg	Rec'd 2017
Santa Rosa	5		0		0		0		1	6
Redding	24		0		1		0		1	26
Riverside	0		0		0		0		0	0
Fresno	0		2		5		0		0	7