



WILLIAM T FUJIOKA
Chief Executive Officer

County of Los Angeles
CHIEF EXECUTIVE OFFICE

Kenneth Hahn Hall of Administration
500 West Temple Street, Room 713, Los Angeles, California 90012
(213) 974-1101
<http://ceo.lacounty.gov>

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April 30, 2013

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

16 April 30, 2013

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

**AMENDMENT NO. 1 TO SPECIAL USE PERMIT NO. L-77016
FOR THE SHERIFF'S DEPARTMENT
BARLEY FLATS HELIPORT SITE
(FIFTH DISTRICT)
(3 VOTES)**

SUBJECT

This recommendation is to approve and execute Amendment No. 1 to Special Use Permit No. L-77016 incorporating a Forest Services Fire Plan and Forest Services Avoidances and Minimization Measures into the gratis, 19-year Special Use Permit with the United States Department of Agriculture, Forest Service. The Special Use Permit is for a heliport site known as Barley Flats in the Angeles National Forest.

IT IS RECOMMENDED THAT THE BOARD:

1. Find that entering into the proposed Amendment No. 1 to the Special Use Permit with the United States, Department of Agriculture, Forest Services is exempt from the provisions of the California Environmental Quality Act (CEQA), pursuant to Class 1, of the Environmental Document Reporting Procedures and Guidelines adopted by the Board on November 17, 1987, and Section 15301 of the State CEQA Guidelines (Existing Facilities)
2. Approve and instruct the Chairman to execute an amendment to the Special Use Permit with the United States Department of Agriculture, Forest Service, incorporating a Forest Services Fire Plan and Forest Services Avoidances and Minimization Measures, at the heliport site known as Barley Flats located in Angeles National Forest, on a gratis basis.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The Barley Flats site is located in the Angeles National Forest northeast of the Clear Creek Ranger Station. The site is owned by the Federal Government and under the jurisdiction of the United States Department of Agriculture, Forest Service (USDAFS). The Sheriff's Department (Sheriff) has been utilizing the Barley Flats heliport for emergency search and rescue operations since June 2009. The USDAFS has recently requested the County to enter into a formal Amendment No. 1 incorporating a Forest Service Fire Plan and Forest Services Avoidances and Minimization Measures (Forest Service Plan and Measures) into the Special Use Permit No. L-77016 (Permit), which allows the Sheriff to install a concrete pad and water storage tank onto the site.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan Goal of Operational Effectiveness (Goal 1) directs that we maximize the effectiveness of the County's processes and operations. The proposed Permit amendment supports this Goal by securing rights to install the concrete pad and water tower at this critical site for the continued use by the Sheriff's Aero Bureau. The Permit amendment is in conformance with the Asset Management Principles, as outlined in Attachment A.

FISCAL IMPACT/FINANCING

The proposed Amendment No. 1 to the Permit authorizes the Forest Service Plan and Measures be incorporated into the Permit, thus allowing the Sheriff to install a concrete pad and water storage tank onto the Barley Flats site. The one-time cost is approximately \$18,000, which will be covered through the Sheriff's operating budget. The Permit remains on a gratis basis. The cost will be offset by operation cost savings realized by having sufficient water on site for use by personnel rather than rental of a water storage tanker truck, as is the current practice. Attachment B is an overview of the fiscal impact of the proposed Permit changes.

Sufficient funding is available in the Sheriff's budget for Fiscal Year (FY) 2012-13 and the recommended budget for FY 2013-14 to cover the operating and maintenance costs associated with the proposed water storage tank installation.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

In compliance with Federal laws governing federally owned properties, the amendment to the Permit contains certain provisions not customarily found in other agreements involving real estate rights. These provisions include Forest Service Plan and Measures. The Permit does not explicitly contain a provision allowing the County to exclude complying with these new provisions, however, County Counsel and the Sheriff had reviewed the documents indicating the execution of the amendment by the Board will have no adverse legal impact.

ENVIRONMENTAL DOCUMENTATION

The Chief Executive Office (CEO) has performed an initial study of environmental factors and has concluded the Permit is exempt from the provisions of the California Environmental Quality Act (CEQA), pursuant to Class 1, of the Environmental Document Reporting Procedures and Guidelines adopted by the Board on November 17, 1987, and Section 15301 of the State CEQA Guidelines (Existing Facilities).

IMPACT ON CURRENT SERVICES (OR PROJECTS)

The proposed amendment to the Permit allowing the installation of the concrete pad and water storage tank will have no impact on current services. The Sheriff concurs with the Permit amendment.

CONCLUSION

It is requested that the Executive Officer, Board of Supervisors, return two adopted, stamped Board letters and two certified copies of the Minute Order to the CEO, Real Estate Division, 222 South Hill Street, 4th Floor, Los Angeles, California 90012 for further processing.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'WTF', followed by a large, stylized flourish that resembles a heart or a large 'O' with a vertical line extending downwards from its center.

WILLIAM T FUJIOKA
Chief Executive Officer

WTF:RLR:CMM
CEM:TS:ls

Enclosures

c: Executive Office, Board of Supervisors
County Counsel
Auditor-Controller
Sheriff

**SHERIFF'S DEPARTMENT
BARLEY FLATS HELIPORT**

Asset Management Principles Compliance Form¹

1.	<u>Occupancy</u>	Yes	No	N/A
A	Does lease consolidate administrative functions? ²			X
B	Does lease co-locate with other functions to better serve clients? ²			X
C	Does this lease centralize business support functions? ²			X
D	Does this lease meet the guideline of 200 sq.ft of space per person? ²			X
2.	<u>Capital</u>			
A	Is it a substantial net County cost (NCC) program? 100% for repairs and maintenance costs; rent is gratis.	X		
B	Is this a long term County program?	X		
C	If yes to 2 B or C; is it a capital lease or an operating lease with an option to buy? The proposed site is federally owned and is not for sale.		X	
D	If no, are there any suitable County-owned facilities available?		X	
E	If yes, why is lease being recommended over occupancy in County-owned space?			X
F	Is Building Description Report attached as Attachment B?		X	
G	Was build-to-suit or capital project considered?			X
3.	<u>Portfolio Management</u>			
A	Did department utilize CEO Space Request Evaluation (SRE)?	X		
B	Was the space need justified?	X		
C	If a renewal lease, was co-location with other County departments considered?			X
D	Why was this program not co-located?			
	1. ___ The program clientele requires a "stand alone" parking area.			
	2. <u>X</u> No suitable County occupied properties in project area.			
	3. <u>X</u> No County-owned facilities available for the project.			
	4. ___ Could not get City clearance or approval.			
	5. ___ The Program is being co-located.			
E	Is lease a full service lease? ² County pays all repairs and maintenance costs which are minimal due to the nature of the site (approximately \$3,000 annually).		X	
F	Has growth projection been considered in space request?			X
G	Has the Dept. of Public Works completed seismic review/approval?			X
	¹ As approved by the Board of Supervisors 11/17/98			
	² If not, why not?			

**FISCAL IMPACT / FINANCING
OVERVIEW OF THE PROPOSED PERMIT AMENDMENT**

Barley Flats Heliport, Angeles National Forest	Amendment No. 1 to Special Use Permit L-77016
Term (years)	Nineteen years
Annual Rent	Gratis
Utilities, Repair, and Maintenance	Approximately \$18,000, one time cost for installation of concrete pad and water storage tank, current cost is \$4,500 monthly rental of water storage truck and \$500 monthly for water
Option To Extend Permit Term	None
Rental Adjustment	N/A
Forest Service Fire Plan	Defines scope and responsibilities
Forest Services Avoidances and Minimization Measures	Recommendations are made to eliminate or reduce potential impacts associated with project implementation

U.S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

SPECIAL-USE AUTHORIZATION

Amendment #1

This amendment is attached to and made a part of the special use authorization issued to LA County Sheriff's Aero Bureau on 07/26/2009 which is hereby amended as follows:

The County proposes to install a 20' x 10' concrete pad adjacent to the existing main power building. After completion of the pad installation, a 12' diameter x 7' tall water tank will be placed on top of the pad. Lastly a 120' long trench, measuring 2' x 3' will be dug. This trench will house a copper water pipe that will serve to link the water supply from the tank to the crew room. The trench and new structures will be located within the existing site footprint. There will no expansion of the existing footprint and no new road construction required for this project. All ground disturbance and staging will be within the asphalt surface area that is currently under permit.

This authorization is subject to adherence to a Forest Service Fire Plan (see Exhibit A attached) and FS Avoidance and Minimization Measures (see Exhibit B attached). This Amendment is accepted subject to the conditions set forth herein, Exhibit A and B and made a part of this Amendment.

County of Los Angeles

Forest Service

Holder

Authorized Officer

Title

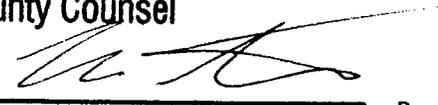
Title Forest Supervisor

Date

Date

APPROVED AS TO FORM:

JOHN F. KRATTLI
County Counsel

By 

Deputy

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0082. The time required to complete this information collection is estimated to average one (1) hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

The Privacy Act of 1974 (5 U.S.C. 552a) and the Freedom of Information Act (5 U.S.C. 552) govern the confidentiality to be provided for information received by the Forest Service.

**COUNTY OF LOS ANGELES SHERIFF'S DEPARTMENT AERO BUREAU
INSTALLATION OF A POTABLE WATER SYSTEM TO SUPPLY SEARCH/RESCUE PERSONNEL AT
BARLEY FLATS FACILITY**

FIRE PLAN FOR CONSTRUCTION AND SERVICE CONTRACTS

(Ref: FSH 6309.32 and 6309.11)

1. SCOPE:

The Los Angeles Sheriff's Department Aero Bureau ("LAC") is proposing to provide a potable water source for its search and rescue personnel who are based at the Barley Flats Facility. The Barley Flats Facility is operated under Special Use Permit (#LAR101700) and administered by the Los Angeles River Ranger District on the Angeles National Forest. It is located in R11W, T2N, Section 7. The access road to the Barley Flats Facility, FS2N46 going west from Angeles Crest Highway (MM 42.60), is gated and is shared with the AT&T communications facility. Under this proposal, LACO will install a 20' by 19" concrete pad, a 12' diameter by 7' high water tank, and a 120' of copper pipe in a 2' by 3' trench, to carry water to the crew room. All ground disturbance and staging will be within the asphalt surface area that is currently under Permit.

The following will most likely be used for the project:

Materials

- 1) One (1) - 500 Gallon, polyethylene, NSF approved potable water vertical tank, 141" wide x 86" high
- 2) One (1) - Davey Water Products booster pump model #BT20-40
- 3) 120' - Schedule 80 2" PVC pipe
- 4) Two (2) - Schedule 80 PVC male adaptors
- 5) 50' - 2" copper pipe
- 6) 30' - galvanized unistrut channel (rack material)
- 7) Four (4) - 2" check valves
- 8) Two (2) - 2" gate valves
- 9) Twenty (20) - 2" copper couplings
- 10) Two (2) - 2" copper female adaptors
- 11) 100' x 8' - chain link fence materials and one 3' gate

Tank Installation Equipment

- 1) One (1) - Backhoe
- 2) Picks and shovels for hand digging as needed
- 3) Basic plumbing tools for cutting and sweating copper lines
- 4) Basic plumbing construction hand tools

Concrete Pad Installation

- 1) 10 yards of 3000 psi concrete delivered with 1-2 cement trucks
- 2) Lumber for 20' x 20' concrete pad form
- 3) Hand tools for building forms and finishing concrete backhoes with attachments for jack hammering and drilling, pick up trucks, forklift, jackhammers, trenching equipment, concrete trucks, water truck, utility vehicles, roll off bins, transport trailers and delivery trucks.

The provisions set forth below outline the responsibility for fire prevention and suppression activities and establish a suppression plan for fires within the permit area. The permit area is delineated by map attached to the permit. The provisions set forth below also specify conditions under which contract activities will be curtailed or shut down.

2. RESPONSIBILITIES:

A. LAC Contractor

- (1) Shall abide by the requirements of this Fire Plan.
- (2) Shall take all steps necessary to prevent his/her employees, subcontractors and their employees from setting fires not required in completion of the contract, shall be responsible for preventing the escape of fires set directly or indirectly as a result of contract operations, and shall extinguish all such fires which may escape.

10/10/2012

(3) Shall permit and assist in periodic testing and inspection of required fire equipment. Contractor shall certify compliance with specific fire precautionary measures in the fire plan, before beginning operations during Fire Precautionary Period and shall update such certification when operations change.

(4) Shall designate in the fire plan and furnish on Contract Area during operating hours a qualified fire supervisor authorized to act on behalf of Contractor in fire prevention and suppression matters.

Shall complete the Contractor's Plan Regarding Personnel and shall furnish the Contracting Officer (CO) with a copy prior to commencing work at the site. Shall currently advise the CO of any changes in personnel as the changes occur. Shall revise Section 6.B to reflect current activities upon request of the CO.

B. Forest Service

The Forest Service may conduct one or more inspections for compliance with the fire plan. The number, timing, and scope of such inspections will be at the discretion of agency employees responsible for contract administration. Such inspections do not relieve the Contractor of responsibility for correcting violations of the fire plan or for fire safety in general, as outlined in paragraph 2.A above.

3. TOOLS AND EQUIPMENT:

A. The Contractor shall comply with the following requirements during the fire precautionary period as defined by unit administering contracts unless waived in writing:

The Fire Precautionary Period is ____ October, 2012 ____ to ____ December, 2013 ____.

Contractor shall equip each operating tractor and any other internal combustion engine with a spark arrester, except for motor vehicles equipped with a maintained muffler as defined in C.P.R.C. Section 4442 or tractors with exhaust-operated turbochargers. Spark Arresters shall be a model tested and approved under Forest Service Standard 5100-1a as shown in the National Wildlife Coordinating Group Spark Arrester Guide, Volumes 1 and 2, and shall be maintained in good operating condition.

Contractor shall meet minimum requirements of Sections 4427 and 4428 of the California Public Resources Code (C.P.R.C.). Fire tools kept at each operating landing shall be sufficient to equip all employees in the felling, yarding, loading, chipping, and material processing operations associated with each landing. Fire equipment shall include two tractor headlights for each tractor dozer used in Contractor's Operations. Tractor headlights shall be attachable to each tractor and served by an adequate power source.

Where cable yarding is used, Contractor shall provide a size 0 or larger shovel with an overall length of not less than 46 inches and a filled backpack can (4 or 5 gallon) with hand pump within 10 feet of each tail and corner block.

Trucks, tractors, pickups and other similar mobile equipment shall be equipped with and carry at all times a size 0 or larger shovel with an overall length of not less than 46 inches and a 2-1/2 pound axe or larger with an overall length of not less than 28 inches.

Contractor shall equip each internal combustion yarder, fuel truck, and loader with a fire extinguisher for oil and grease fires (4-A:60-B:C).

Contractor shall equip each mechanized harvesting machine with hydraulic systems, powered by an internal combustion engine (chipper, feller/buncher, harvester, forwarder, hot saws, stroke delimeter, etc), except tractors and skidders, with at least two 4-A:60-B:C fire extinguishers or equivalent. In addition, concentrations of wood dust and debris shall be removed from such equipment daily. Additional extinguishers and sizes may be required at landings in accordance with Section 5.

Each power saw shall be equipped with a spark arrester approved according to C.P.R.C. Section 4442 or 4443 and shall be maintained in effective working order. One fire extinguisher meeting specifications of C.P.R.C. Section 4431 shall be kept with each operating power saw. A size 0 or larger shovel with an overall length of not less than 38 inches shall be kept with each gas can but not more than 300 feet from each power saw when used off cleared landing areas.

Contractor shall meet minimum requirements of Section 4430 of the California Public Resources Code (C.P.R.C.). Contractor shall provide a water tank truck or trailer on or in proximity to Contract Area during Contractor 's Operations hereunder during Fire Precautionary Period unless otherwise agreed. When Project Activity Level B or higher is in effect, a tank truck or trailer shall be on or immediately adjacent to each active landing unless otherwise excepted when hot saw technology is being used. See Section 5 for specific contract requirements.

The tank shall contain at least 300 gallons of water available for fire suppression. A water sprinkling tank truck will meet this requirement if provision is made to insure that the minimum of 300 gallons is available for fire suppression at all times. Ample power and hitch shall be readily available for promptly and safely moving tank over roads serving Contract Area. Tank truck or trailer shall be equipped with following:

- (1) Pump, which at sea level, can deliver 23 gallons per minute at 175 pounds per square inch measured at the pump outlet. Pumps shall be tested on Contract Area using a 5/16 inch orifice in the Forester One Inch In-Line Gauge test kit. Pump shall meet or exceed the pressure value in the following table for nearest temperature and elevation:

T e m p	Sea	1000		2000		3000		4000		5000		6000		7000		8000		9000		10000		
	Level	Feet																				
55	179	23	174	23	169	23	165	22	161	22	157	22	153	22	150	21	146	21	142	21	139	21
70	175	23	171	23	166	22	162	22	158	22	154	22	150	21	147	21	143	21	139	21	136	20
85	171	23	168	23	163	22	159	22	155	22	151	21	147	21	144	21	140	21	136	20	133	20
100	168	23	164	23	159	22	155	22	152	22	148	21	144	21	141	21	137	20	133	20	131	20
	P	G	P	G	P	G	P	G	P	G	P	G	P	G	P	G	P	G	P	G	P	G
	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P	S	P
	I	M	I	M	I	M	I	M	I	M	I	M	I	M	I	M	I	M	I	M	I	M

The pump outlet shall be equipped with 1-1/2 inch National Standard Fire Hose thread. A bypass or pressure relief valve shall be provided for other than centrifugal pumps.

- (2) 300 feet of 3/4-inch inside diameter rubber-covered high-pressure hose mounted on live reel attached to pump with no segments longer than approximately 50 feet, when measured to the extreme ends of the couplings. Hose shall have reusable compression wedge type 1-inch brass or lightweight couplings (aluminum or plastic). One end of hose shall be equipped with a coupling female section and the other end with a coupling male section. The hose shall, with the nozzle closed, be capable of withstanding 200 PSI pump pressure without leaking, distortions, slipping of couplings, or other failures.
- (3) A shut-off combination nozzle that meets the following minimum performance standards when measured at 100 P.S.I. at the nozzle:

	G.P.M.	Horizontal Range
Straight Stream	10	38 feet
Fog Spray	6 - 20	N/A

- (4) Sufficient fuel to run pump at least 2 hours and necessary service accessories to facilitate efficient operation of the pump.

When Contractor is using Hot Saw Technology, an additional 500 feet of not less than one (1) inch outside diameter serviceable hard rubber poly or rubber lined or fiber jacket rubber lined (FJRL) hose shall be immediately available for use and be capable of connecting to the 300 feet of hose and appurturances in (2) and (3) above. Synthetic hose may be used by agreement.

B Any additional fire plan requirements:

4. **GENERAL**

- A. **State Law.** The Contractor shall comply with all applicable laws of the State of California. In particular, see California Public Resource Codes.
- B. **Permits Required.** The Contractor must secure a special written permit from the District Ranger or designated representative before engaging in any of the activities listed below. The terms and conditions of any of the permits required for this contract are as shown on copies attached to the Fire Plan.
- (1) Blasting and Storage of Explosives and Detonators. (Explosives Permit required by California Health & Safety Code, Section 12101.)
 - (2) Burning.
 - (3) Air Pollution. (Issued by local State or County Air Pollution Control Districts, as applicable.)
 - (4) Camp, Lunch and Warming Fires.
 - (5) Welding and Cutting.
- C. **Regulations for Burning.** Before setting any fires whatsoever, the Contractor shall notify the CO of his/her intentions. Special care shall be taken to prevent scorching or causing any damage to adjacent structures, trees, and shrubbery. Piles of material to be burned shall be of such size and so placed that during burning no damage shall result to adjacent objects.
- D. **Smoking and Fire Rules.** Smoking shall not be permitted during fire season, except in a barren area or in an area cleared to mineral soil at least three feet in diameter (CPRC 4423.4). In areas closed to smoking, the CO may approve special areas to be used for smoking. The Contractor shall sign designated smoking areas. Contractor shall post signs regarding smoking and fire rules in conspicuous places for all employees to see. Contractor's supervisory personnel shall require compliance with these rules. Under no circumstances shall smoking be permitted during fire season while employees are operating light or heavy equipment, or walking or working in grass and woodlands.
- E. **Storage and Parking Areas.** Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least 10 feet unless otherwise specified by local administrative unit. Small mobile or stationary internal combustion engine sites shall be cleared of flammable material for a slope distance of at least 10 feet from such engine. The COR shall approve such sites in writing.
- F. **Welding.** Contractor shall confine welding activity to cleared areas having a minimum radius of ten feet measured from place of welding.
- G. **Blasting.** Contractor shall use electric caps only unless otherwise agreed in writing. When blasting is necessary in slash areas, a watchperson equipped with a size 0 or larger shovel with an overall length of not less than 46 inches and a filled backpack can (4 or 5 gallon) with hand pump shall remain in the immediate area for an hour after blasting has been completed.
- H. **Oil Filter and Glass Jugs.** Contractor shall remove from National Forest lands oily rags and used oil filters and shall prohibit use of glass bottles and jugs in Contractor's Operations.
- I. **Reporting Fires.** As soon as feasible but no later than 15 minutes after initial discovery, Contractor shall notify Forest Service of any fires on Contract Area or along roads used by Contractor.
- J. **Communications.** Contractor shall furnish a serviceable telephone, radio-telephone or radio system connecting each operating side with Contractor's headquarters. When such headquarters is at a location which makes communication to it clearly impractical, Forest Service may accept a reasonable alternative location. The communication system shall provide prompt and reliable communications between

Contractor's headquarters (or agreed to alternative) and Forest Service via commercial or Forest Service telephone. The communications system shall be operable during Contractor's Operations in Fire Precautionary Period described in Section 3 and during the time fire patrolperson service is required. A radio-equipped fire patrolperson vehicle will satisfy this requirement if in operation during the time required except during PAL levels "D" and "Ev". See Section 5 for other communication requirements when operating on "D" and "Ev" days with hot saw technology. A CB is not acceptable communication because FCC Regulations prohibit commercial use.

K. Fire Patrol Person. Contractor shall furnish a qualified fire patrolperson each operating day when Project Activity Level B or higher is in effect. When on duty, sole responsibility of patrolperson shall be to patrol the operation for prevention and detection of fires, take suppression action where necessary and notify the Forest Service as required by Section 5.

By agreement, one patrolperson may provide patrol on this and adjacent projects or sales. No patrolperson shall be required on Specified Road construction jobs except during clearing operations unless otherwise specified.

L. Time of Snag Felling. Unless the felling of dead trees would interfere with the felling, skidding or yarding of green timber or be a safety hazard, or be prevented under Section 5, required felling of dead trees shall be concurrent with the felling of live timber. There shall be reasonably timely felling of dead trees to facilitate utilization and protection from fire.

M. Clearing of Fuels. Contractor shall clear away, and keep clear, fuels and logging debris as follows:

Welding equipment and stationary log loaders, yarders and other equipment listed in California State Law:	10 feet slope radius
Tail or corner haulback blocks:	5 feet slope radius
Lines near, between or above blocks:	Sufficient clearing to prevent line from rubbing on snags, down logs and other dead woody material

5. EMERGENCY MEASURES

The table set forth below establishes work restrictions and fire precautions that the Contractor must observe at each activity level. The restrictions are cumulative at each level.

The Forest Service, in its sole discretion, may change the predicted activity level if the current fire suppression situation, weather and vegetation conditions warrant additional restriction of activities. Contractor shall obtain the predicted Project Activity Level by calling the following phone number (661) 723-2752 before starting work each day. If practicable, Forest Service will determine the following day's activity level by 6:00 PM local time. If predictions made after 6:00 PM are significantly different than originally estimated, Forest Service will inform Contractor when changes in restrictions or industrial precautions are indicated.

The following definitions shall apply to these Project Activity Levels:

Cable Yarding Systems: A yarding system that takes logs from the stump area to a landing using an overhead system of winch-driven cables to which logs are attached with chokers or grapples.

Hot Saw Technology: A harvesting system that employs a high-speed (>1100 rpm) rotation felling heads (i.e., full rotation lateral tilt head).

Sunset: The time that sunset is reported in the local newspaper for that day.

Except for Project Activity Level days "Ev after 1:00 PM local time" and "E", Forest Service may issue substitute precautions(s) of the requirements below. Such agreements shall prescribe measures to be taken by Contractor to reduce risk of ignition and/or spread of fire.

Forest Service may change the Project Activity Levels to other values upon revision of the National Fire Danger Rating System and may change the specific Project Activity Levels and/or requirements when such changes are necessary for the protection of the National Forest. When sent to Contractor, the revised Project Activity Levels will supersede the levels below.

PROJECT ACTIVITY LEVEL –EMERGENCY PRECAUTIONS

Table version 6/13/2006

PROJECT ACTIVITY LEVEL

Level	Project Activity Requirements
A	<p>Minimum required by Section 3</p> <ol style="list-style-type: none"> 1. PAL levels are cumulative, Ev level would include all preceding PAL requirements.
B	<ol style="list-style-type: none"> 1. A fire patrolperson is required for mechanical operations from cessation of operations until 2 hours after operations cease or sunset, which ever occurs first. 2. Tank truck or trailer shall be on or adjacent to each active landing. 3. When hot saw technology is being used, the tank truck or trailer (B2 above) may serve dual purpose as active landing tank truck provided it shall be kept readily available for use as follows: <ol style="list-style-type: none"> a. Within one quarter mile of the operating hot saw technology; and b. Within 10 minutes of the active landing; and c. Effective communications exist between hot saw technology and active landing. <p>Otherwise, there shall be a tank truck or trailer at both the active landing and within one quarter mile of the operating hot saw technology.</p> 4. (Additional restrictions specified by the forest.)
C	<ol style="list-style-type: none"> 1. The following operations are prohibited from 1:00 PM until 8:00 PM local time: <ol style="list-style-type: none"> a. Blasting 2. Operations using hot saw technology are prohibited between 1:00 PM and sunset local time. Hot saw technology operations may continue if Contractor provides a portable fire suppression system capable of extinguishing a 20-foot by 20-foot wild land fire within five (5) minutes of discovery. The following equipment will meet the requirements above: <ol style="list-style-type: none"> a. Compressed Air Foam System with minimum requirements of 20 gallons stored energy, 100 feet of 1 inch hose and adjustable 1 inch nozzle, minimum discharge range of 60 feet and 1 spare air cylinder; or b. All terrain tank truck or equivalent capable of traveling throughout the cutting unit, containing not less than 300 gallons of water and complies with all tank truck requirements of Section 3. All terrain tank truck or equivalent may serve dual purpose as active landing tank truck provided: <ol style="list-style-type: none"> 1) Tank truck or equivalent shall be kept readily available to extinguish a fire within 5 minutes of discovery of the operating hot saw technology, 2) Tank truck or equivalent shall be no further than 10 minutes travel time to the active landing, 3) A 4-A:80-B:C extinguisher is maintained at the landing fire tool box and, 4) Effective communications exist between the hot saw technology, active landing and all terrain tank truck or equivalent. <p>Otherwise there shall be a tank truck at the active landing and an all terrain tank truck or equivalent with the hot saw technology.</p> 3. (Additional restrictions specified by the forest.)
D	<ol style="list-style-type: none"> 1. The following restrictions apply: <ol style="list-style-type: none"> a. No blasting after 10:00 AM b. Welding or cutting of metal only by special permit c. No Burning without a permit

	<p>2. The following activities may not operate after 1:00 PM local time unless fire patrolperson(s) walks all areas operated that day once per hour until sunset local time and has the capability of notifying the designated Forest Service Dispatch Center within fifteen (15) minutes of discovery of a fire:</p> <ol style="list-style-type: none"> a. Track-laying equipment b. Chipping outside of landings and roadbeds c. Equipment using Hot Saw Technology d. Chainsaw operations outside of landings and roadbeds e. Tree felling operations f. Ripping roads and landings g. Mastication h. Cable-yarding employing motorized carriages. <p>3. (Additional restrictions specified by the forest.)</p>
Ev	<p>1. The following operations are prohibited:</p> <ol style="list-style-type: none"> a. Blasting b. Welding or cutting metal c. Burning <p>2. Following activities may operate when fire patrolperson walks from 9:00 AM until local sunset all areas once per hour that were mechanically operated that day.</p> <p>A. Activities that may operate all day:</p> <ol style="list-style-type: none"> 1. Hauling and loading of logs decked at approved landings. 2. Hauling and loading of chips piled at approved landings. 3. Equipment servicing at approved sites. 4. Roads: Dust abatement or rock aggregate installation (does not include pit or quarry development) 5. Chainsaw or stroke delimeter operation associated with loading at approved landing sites. <p>B. All other Operations are permitted until 1:00 PM local time subject to the following:</p> <ol style="list-style-type: none"> 1. When hot saw technology is being used a tractor or other equipment with blade capable of constructing fire line, shall be on standby and immediately available. Tractor will have effective communications with hot saw technology and be within one quarter mile of hot saw technology to quickly reach and effectively attack a fire start. <p>C. (Additional restrictions specified by the forest.)</p>
E	<p>The following activities may operate subject to B1. and B2.</p> <ol style="list-style-type: none"> 1. Hauling and loading of logs decked at approved landings. 2. Hauling and loading of chips piled at approved landings. 3. Equipment at approved sites may be serviced. 4. Roads: Dust abatement or rock aggregate installation (does not include pit development). 5. Chainsaw operation associated with loading at approved landings.

6. REPORTING ALL WILD FIRES

- A. Contractor's employees shall report all fires as soon as possible but no later than 15 minutes after initial discovery to any of the following Forest Service facilities and/or personnel listed below, but not necessarily in the order shown:

	Name	Office Address and/or telephone	Home address and/or telephone
Dispatch Center	A.N.F. E.C.C.	661-723-7619	
Nearest FS Station	Chilao	626-796-2832	
Inspector			
COR			
District Ranger	Mike McIntyre	818-899-1900	
D.R. Designated Rep			

When reporting a fire, provide the following information;

- Your Name;
- Call back telephone number;
- Project name;
- Location;
 - Legal description (Township, Range, Section); and
 - Descriptive location (Reference point);
- Fire Information;
 - Acres;
 - Rate of Spread; and
 - Wind Conditions.

- B. **Contractor's Plan Regarding Personnel.** The Contractor shall, prior to commencing work, furnish the following information relating to key personnel

<u>Title</u>	<u>Name</u>	<u>Address and/or telephone</u>
Fire Supervisor		
Fire Patrolperson		

Avoidance and Minimization Measures

Exhibit B

To eliminate or reduce potential impacts associated with project implementation, the following recommendations are included:

1. To limit the spread and establishment of invasive plant species into the project area, all ground disturbing equipment used during project implementation will be free of noxious weeds and seeds or invasive exotic weeds and seeds before entering the project area. The Forest Botanist will provide guidance for a wash down method that will be effective and practical. Refer below for Equipment Cleaning and vehicle washing guidance.
2. Any plant material (e.g. mulch, seeds, etc.) used for erosion control, etc. must be certified weed-free. If certified weed free straw or mulch is not available, certified weed-free rice straw and mulch will be used.
3. If the proposed activities include revegetation or landscaping, the Forest Botanist must approve all seed mixtures or plant species considered.
4. Prior to project initiation, individuals involved in project implementation will be briefed on resources in the surrounding area. This will include an overview of sensitive plant and wildlife species.
5. Ground disturbance and excavation and removal of soil will be limited to the minimum necessary for demolition and construction activities. All project activities including vehicle traffic, pedestrian traffic and staging will be confined to the smallest area possible. All vehicles, tools and equipment will be restricted to existing access roads or disturbed areas to the maximum extent feasible.
6. No new access will be created for the purpose of project implementation.
7. All ground disturbing activities with the potential for erosion must be consistent with FSH 2509.22 – Soil and Water Conservation Practices Handbook and Best Management Practices.
8. If excavations are to be left open and unattended for more than 12 hours, an escape ramp will be constructed to the bottom of the pit with less than a 2 to1 slope. This feature will provide an escape route for small mammals, reptiles and amphibians and prevent their entrapment in the excavation. Prior to commencement of work activity each day, staff will check any excavated pits to make sure that no animals are trapped. Before backfilling any excavation, it must be checked to make sure that no wildlife is present within the excavated pit.
9. All equipment must contain appropriate spill containment kits to respond to leaks and spills. A Spill Contingency Plan must be provided.
10. Project generated garbage must be properly stored/disposed/recycled for the duration of the project. When operations are complete, any excess materials or debris shall be removed from the work area.

11. Wildlife encountered during the course of project implementation should be given the opportunity to evacuate the site. Personnel will be reminded that harassment, handling or removal of wildlife from the site is not permitted.

VEHICLE WASHING GUIDELINES

To minimize the potential for spreading and/or introducing invasive plant species, the following precautionary measures will be followed:

- 1) All equipment except trucks, vans, pickups, and cars used for daily transport of personnel, will be cleaned prior to entering Forest Service land. This includes wheels, undercarriages and bumpers. All washing must take place where rinse water is collected and disposed of in either a sanitary sewer, a landfill, or other facility authorized to accept such rinse water.
- 2) If equipment has operated in areas identified as containing target invasive plant species, all equipment, and tools used at that site must also be washed AFTER work has been completed.
- 4) Holder shall certify in writing compliance with the terms of this provision prior to each start-up of operations.
- 5) Any new infestations of invasive species in the work area or on the access route shall be promptly reported to the Forest Botanist.
- 6) Upon request, the Forest Botanist can provide a current list of invasive species of concern.