

Chalk Fire

INCIDENT ACTION PLAN

Incident #: CA-LPF-2754

P5EL5K

DAY OPERATIONAL PERIOD

THURSDAY

OCTOBER 2, 2008

0600-1800

Incident Objectives	1. Incident Name CHALK	2. Date Prepared 10/01/08	3. Time Prepared 2200
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4. Operational Period
10/02/08 Thursday Day Shift 0600 - 1800

5. General Control Objectives for the incident (include alternatives)

Management Objectives:
 Provide for Firefighter and Public Safety.
 Provide protection for threatened / endangered species, natural habitat, heritage and scenic resources.
 Use Minimum Impact Suppression Tactics (MIST) within wilderness areas, especially steelhead trout in Mill Creek Drainage .
 Avoid application of Retardant, Foam or Wetting agents within 300' of waterways or other bodies of water.
 Manage costs to keep them commensurate with values at risk and minimize costs plus loss.
 Prevent the spread of invasive species.

Control Objectives:
 Keep the fire north of Prewitt Ridge Road.
 Keep the fire west of Del Venturi Road.
 Keep the fire south of San Vicente Tr. To San Antonio Tr.
 Keep the fire east of Highway 1.

Operational Objectives:
 Hold the West and South perimeters of the fire.
 Prepare and protect threatened structures.

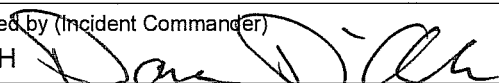
6. Weather Forecast for Period
See attached Fire Weather Forecast

7. General Safety Message
See attached Safety Message

8. Attachments (mark if attached)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Organization List - ICS 203 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Fire Behavior Forecast |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Safety Message | <input checked="" type="checkbox"/> ICS 215A LCES Analysis |
| <input checked="" type="checkbox"/> Communications Plan - ICS205 | <input checked="" type="checkbox"/> Traffic Plan | <input checked="" type="checkbox"/> Training Message |
| <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Base Camp Map | <input checked="" type="checkbox"/> Human Resources |
| <input checked="" type="checkbox"/> Air Operations Summary - ICS 220 | <input checked="" type="checkbox"/> Fire Weather | <input checked="" type="checkbox"/> MIST Guidelines/Foam Tracking |

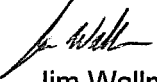
9. Prepared by (Planning Section Chief)
BILL BRICKEY (t) 

10. Approved by (Incident Commander)
JIM SMITH 

ORGANIZATION ASSIGNMENT LIST	
1. Incident Name Chalk	
2. Date 10-02-08	3. Time 2200
4. Operational Period 10-02-08 Day Shift 0600-1800	
Position	Name
5. Incident Commander and Staff	
Incident Commanders	Jim Smith/Allan Currier/Mark Nunez (t)
Deputy IC	Dana D' Andrea
Liason Officer	Herb McElwee / Randy Graham / Warner McGrew / Craig Thomas (t)
Law Liason Officer	Greg Nordyke
Safety Officer	Jeff Saley
Information Officer	Manny Madrigal/ John Alford
Human Resources	Gene Rose / Steve Branch (t)
6. Agency Representative	
Agency	Name
Agency Administrator	John Bradford
Cal Fire	Rick Hutchinson/Steve Spinharney (t)
Resource Advisor	Jeff Kwasny
CHP	Michael Burno
FHL	Shippee
CDC	Randy Roland
Big Sur Vol	Frank Pinney
Monterey Sheriff	Kevin Oakley
USFS Union Rep	Robert Ethridge
CalTrans	Danny Millsap
7. Planning Section	
Chief	Jeff Jones
Deputy	Bill Brickey (t)
Resources Unit	Ken Bates / Mark Cole/Robert Ashby(t)
Situation Unit	Mike Held / John Germanetti
Documentation Unit	Hal Nulen/John Lutzow(t)
Demobilization Unit	Neil Bullock/Anthony Stornetta(t)
GISS	Mark Smith
Training Specialist	Doug Dickson
Computer Specialist	Jordon Reynolds
Weather	Jim Wallman
Fire Behavior	Dan Ardoin/Rich Gonzales(t)
8. Logistics Section	
Chief	Jamie Cople
Deputy	Tom Crakes (t)
Supply Unit	John Brodbeck / Daron Mafi
Facilities Unit	Kerry Kellogg / Mel Sanchez
Ground Support Unit	Mike Nelson
Communications Unit	Rick Smith
Medical Unit	Jan Purkett / Joe Tieso
Security Manager	
Food Unit	Sharon Nordyke

9. Operations Section	
Chief Mike Sandwick	Mike Boone/Steve Stoll (t)
Planning Ops	Scott Schuster
a. Branch I - Division/Groups	
Branch Director	
Division/Group	A Fred Burris/Matt Lipson(t)
Division/Group	B Rob Hazard/Mike Sweany(t)
Division/Group	C Mike Milkovich
Division/Group	D Chris Linane
Division/Group	Z Ken Murray
Dozer Group	Kenny Ellison
Structure Group	Steve Winter/N Washington(t)
Contingency Group	
Staging	
c. Branch III - Division/Groups	
Branch Director	
Deputy	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
d. Air Operations Branch	
Air Operations Branch Director	Brad Joos
Air Attack Supervisor	Kent Haskins
Air Support Supervisor	
Helicopter Coordinator	
Air Tanker Coordinator	
Helicopter Base Manager	Steve Silva / Brian Sexton (t)
10. Finance Section	
Chief	Judy Reynolds
Deputy	Patty Locke
Time Unit	Shawn Hagan
Procurement Unit	Elaine Hanson
Compensation/Claims Unit	
Cost Unit	Keith Fletcher
Prepared by (Resource Unit Leader) Mark Cole	

Fire Weather Forecast

FORECAST NO: 7 NAME OF FIRE: Chalk
PREDICTION FOR: Thursday SHIFT Day UNIT: CA-LPF
SHIFT DATE: 10/2/08 0600-1800 SIGNED: 
TIME AND DATE
FORECAST ISSUED: 2100 10/1/08
Jim Wallmann
Incident Meteorologist

WEATHER DISCUSSION: A weak cold front will pass by to the north this morning reinforcing the northwest ridge wind today. Temperatures will be cooler today with slightly higher humidity. The marine layer will be very weak today, and around 1000 feet, only in *Division A*. Winds will continue to be northwest into Friday with the cooling and slight moistening trend continuing. A strong Pacific storm will move into the area Friday night with strong south winds ahead of a cold front, followed by rain and even cooler temperatures.

WEATHER FORECAST:

WEATHER: Partly cloudy.

TEMPERATURES: MAX 73-81.

HUMIDITY: MIN 25-30% above 1500 feet. 35-45% below 1500 feet.

EYE LEVEL WINDS:

SLOPE (1500-3000 feet) - Upslope to 2-4 mph.

RIDGETOP (3000 feet and above) - West to northwest 5-8 mph with gusts to 15 mph.

LAL: 1 **CWR:** 0%

MARINE LAYER: Weak, at 1000 feet. No clouds along the coast.

36 HOUR OUTLOOK (Temps/RH overnight is for areas above 2000 feet):

THURSDAY NIGHT 10/2-3

WEATHER: Mostly cloudy.

TEMP: Min: 55-60 RH: Max: 45-50%

WINDS: Slope: Downslope 1-3 mph
Ridge: Northwest 4-6 mph

LAL: 1 **CWR:** 0%

MARINE LAYER: Weak, 1500 Feet.

FRIDAY 10/3

WEATHER: Cloudy.

TEMP: Max: 73-82 RH: Min: 35-42%

WINDS: Slope: Upslope 2-4 mph
Ridge: West 3-6 mph

LAL: 1 **CWR:** 0%

MARINE LAYER: None.

OUTLOOK FOR FRIDAY NIGHT: Cloudy. Rain developing after midnight. Winds south 4-8 mph, except 12-18 mph with gusts to 18 mph ridges. Temperatures - MIN 45-50. RH Max 90-100%.

OBSERVED WEATHER 10/1/08:

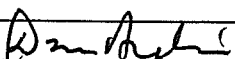
Fort Hunter Liggett RAWS (10 E - 1100 ft): Temp: Max 96. RH: Min 16%. Winds (20 foot) SE 2-4 mph.

LPF Portable 1 RAWS (25 NNW - 3813 ft): Temp: 87. RH: 15%. Winds (20 foot) WNW 2-4 mph gusts 9 mph.

Division A - 1250 ft: Temp: 88. RH: 22%. Winds (20-foot) W-NW 5-7 mph gusts 15 mph.

Division C - 3241 ft: Temp: 85. RH: 20%. Winds (20-foot) SW 2-5 mph gusts 7 mph. NW after 1500.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7 10-02-08 Day Shift	TYPE OF FIRE: Wildland Vegetation
FIRE NAME: Chalk	OPERATIONAL PERIOD: Day
DATE ISSUED: 10-02-08	TIME ISSUED: 21:30 hrs
UNIT: CA-LFP	SIGNED: DAN ARDOIN FBAN 

WEATHER SUMMARY

Warm and Dry (Trend Temps down 5 to 7, RH up 5%). Ridge winds are light from the Northwest Gusting to 12. Slope winds are the dominant winds on the fire. Lower inland elevations will have the influence of Valley Winds (10-12 mph) in the afternoon.

See attached spot weather forecast.

FIRE BEHAVIOR

GENERAL:

Wednesday's observed BI: 70- Today's predicted is 67- Fire Danger: Very High

Fuels are chaparral, mixed conifers and oak woodlands. Very dry fuel moistures – 1 hr 4%, 10 hr 5%, live 69%. Very high dead to live fuel ratio.

Topography is extremely steep terrain at 1500 to 3500 ft elevation. Mill Creek drainage generally oriented west to east with a dogleg to the north where fire originated. The main coastal ridge runs northwest to southeast. The Nacimiento River drainage runs to the east on the inland side of the ridge.

Uphill runs were observed where wind, slope and aspect are in alignment. Short range spotting occurred up to 1/8 mile. Downhill spread supported with rollout.

Probability of Ignition 65%

SPECIFIC:

Division A: Backing signature (ROS 5 ch/hr, FL 6 ft.) makes direct attack possible where accessible. Watch for rollout supporting the downhill spread.

Division B: Reburn potential remains in unburned canopies. Uphill runs with 16 to 22 ft. flame lengths and rates of spread from 45 to 90 ch/hr. Spotting to the south and east. Rollout will spread fire further down in the drainages crossing slope reversals and causing uphill runs.

Division C & D: Watch for backing fire or lateral spread crossing into canyons below the ridge and running upslope in the afternoon when slope winds are at their peak and aligned with ridge and on-shore winds. Lateral spread 10 ch/hr with FL to 8 ft.

AIR OPERATIONS:

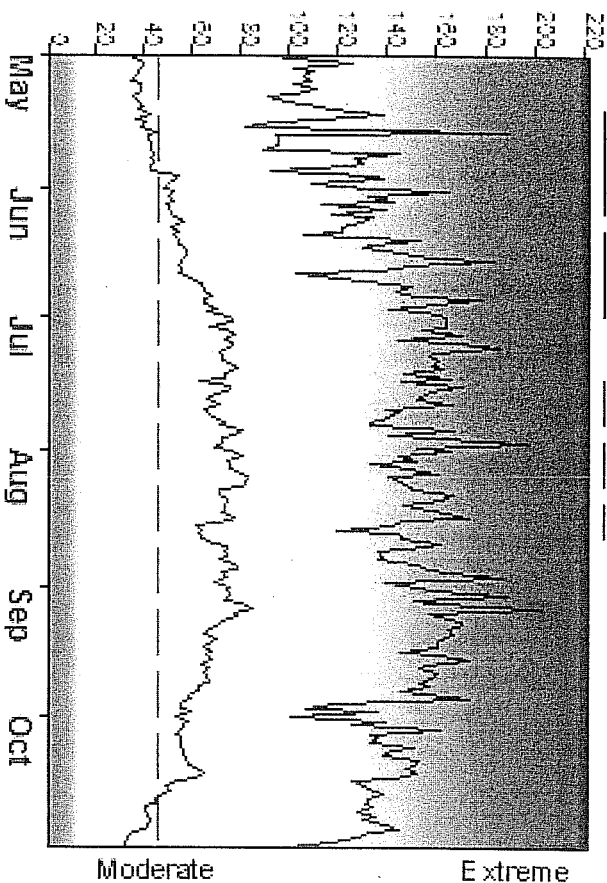
Visibility restricted near the surface and downwind canyon areas. Sunrise 06:59 Sunset 18:46

SAFETY

Snags continue to burn out. Watch for falling rocks. Smoke accumulation in canyons will restrict visibility. Safety zones are 4 times the flame lengths plus room for all people and equipment.

FIRE DANGER -- Los Padres NF - Monterey RD

Maximum, Average, and 47th Percentile, based on 33 years data



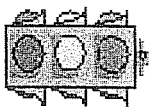
Moderate

Extreme

Fire Danger Area:

- ◆ Los Padres NF Monterey RD
- ◆ Sires 044301 Arroyo Seco
- ◆ 044317 Ft. Hunter Liggett
- ◆ M-5215 NWCG Wx Station Standards

Fire Danger Interpretation:



EXTREME — Use extreme caution
 -- Watch for change
MODERATE — Lower Potential, but always be aware

Maximum — Highest Burning Index by day

for 1972 - 2004

Average — shows peak fire season over 33 years (5276 observations)

47th Percentile — Only 47% of the 5276 days from 1972 - 2004

had an Burning Index below 45

Local Thresholds - Watch out: Combinations

of any of these factors can greatly increase fire behavior:
 20° Wind Speed over 15 mph, RH less than 25%,
 Temperature over 50, Energy Release Component over 35

Remember what Fire Danger tells you:

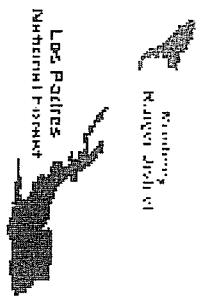
- ✓ Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- ✓ Wind is part of BI calculation.
- ✓ Watch local conditions and variations across the landscape — Fuel, Weather, Topography.
- ✓ Listen to weather forecasts — especially WIND.

Past Experience:

The 47th percentile was determined as a benchmark when weather conditions and fires greater than 100 acres historically occur on the Monterey RD. The live fuel moisture threshold is 60%. This district has established coastal redwoods, oak woodlands, and coastal sage. Elevations range from sea level to 5,000 ft. Heavy fuels, steep terrain and inaccessibility contributes to large fire growth. HEADS UP for frost killed brush and bug killed trees. Sudden Oak Death (esp. in the Big Sur area) can lead to extreme fire behavior. **WARNING!** Trees weakened by Sudden Oak Death have been known to topple suddenly without warning.

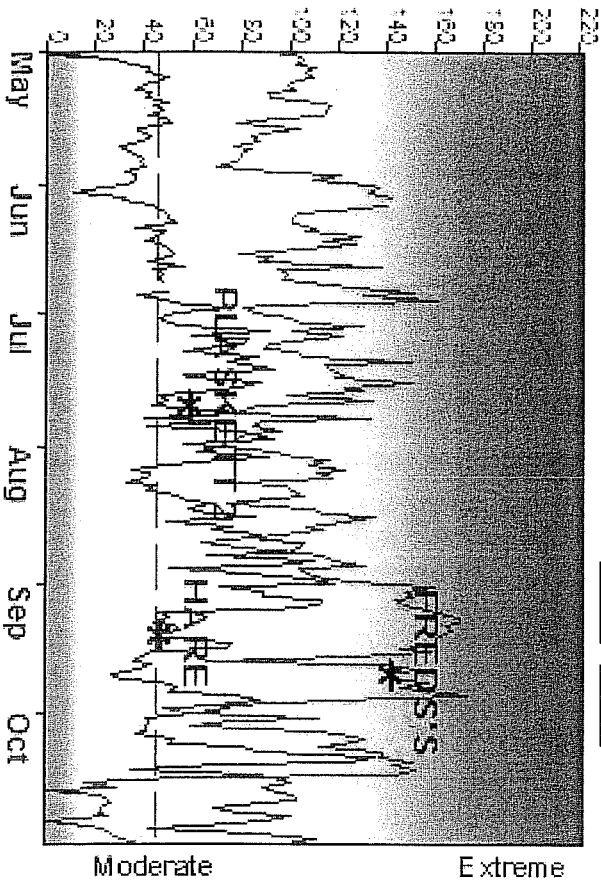
Responsible Agency: US Forest Service

FF-3 0.5 05/15/2005-22:06 [C:\pocketcards\m\dmiles\m\monterey.mxd]



Monterey County

Burning Index



Moderate

Extreme

Years to Remember: 1999 2004

Fuel Model: B - California Chaparral

A

3. Incident Name <p style="text-align: center; font-size: 1.2em;">CHALK</p>	4. Operational Period <p style="text-align: center;">10/02/08 Thursday Day Shift 0600 - 1800</p>
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5. Operations Personnel			
Operations Chief	MIKE BOONE	Division/Group Supervisor	FRED BURRIS/MATT LIPSON (T)
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 UKONOM HS	JOHN CATALDO	18	N	ICP 0600	ICP 1800
CRW1 SPRINGVILLE HS	JACK KING	21	N	ICP 0600	ICP 1800
CRW1 PALOMAR HS	STAN HILL	20	N	ICP 0600	ICP 1800
CRW1 S/T 9394G	S. MECKLE	36	N	ICP 0600	ICP 1800
CRW1 S/T 9474G	JEREMY GOYETTE	36	N	ICP 0600	ICP 1800
ENG3 S/T 6631C	T. CAREY/R. GOMEZ (T)	20	N	ICP 0600	ICP 1800
ENG3 E- 4684	VINCE COLE	4	N	ICP 0600	ICP 1800
ENG3 E- 4673	NICK MELTON	4	N	ICP 0600	ICP 1800
WT2 D & L WATER E-9	DOUGLAS BROSSARD	1	N	ICP 0600	ICP 1800
FEMT	SCOTT MCMANN	1	N	ICP 0600	ICP 1800
FEMT	MARTIN SILVA	1	N	ICP 0600	ICP 1800
SOFR	STU PFISTER	1	N	ICP 0600	ICP 1800

7. Control Operations
 1. Construct direct line N. of Nacimiento-Ferguson Road to Cone Peak. Construct direct line S. of Nacimiento-Ferguson Road to Mill Creek.

8. Special Instructions
 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
 2. Avoid ground disturbance of archaeological resource areas marked with red/white and blue flagging.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	KING	1	NIFC	CMD 2
Tactical Div/Group	168.0500N	168.0500N		NIFC	3	TAC	1
Logistics							
Air to Ground	168.0125	168.0125		KING	13		

Prepared by (Resource Unit Leader) A. Yanagisawa	Approved by (Planning Section Chief) Bill Brickey	Date Prepared 10/01/08	Time Prepared 1303
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Division Assignment List

1. Branch

2. Division/Group

B

3. Incident Name

CHALK

4. Operational Period

10/02/08 Thursday Day Shift 0600 - 1800

5

Operations Personnel

Operations Chief

MIKE BOONE

Division/Group Supervisor

R. HAZARD/M. SWEANY (T)

Operations Chief

STEVE STOLL (T)

Air Attack Supervisor

KENT HASKINS

Safety Officer

JEFF SALEY

6

Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 EL DORADO HS	MIKE BECKETT	21	N	ICP 0600	ICP 1800
CRW1 LOS PADRES HS	STAN STEWART	23	N	ICP 0600	ICP 1800
CRW1 ARROYO GRANDE HS	MICHAEL HICKEY	24	N	ICP 0600	ICP 1800
CRW1 GABILAN 1	SPOONER	16	N	ICP 0600	ICP 1800
CRW1 GABILAN 4	BILLANI	17	N	ICP 0600	ICP 1800
CRW1 GABILAN 6	JOHNSON	18	N	ICP 0600	ICP 1800
ENG3 S/T LFP 1658C	ANTHONY ZAVALLA	26	N	ICP 0600	ICP 1800
ENG3 FHL E- 8833		3		ICP 0600	ICP 1800
WT2 LPF 3	STEVE KLOSTERMAN	1	N	ICP 0600	ICP 1800
FEMT	SHAWN ALLOIS	1	N	ICP 0600	ICP 1800
FEMT	MANUEL GONZALEZ	1	N	ICP 0600	ICP 1800
SOFR	MARK LORENZEN	1	N	ICP 0600	ICP 1800
*READ	DESI ZAVALLA	1	N	ICP 0600	ICP 1800
*READ	RICHARD GARCIA	1	N	ICP 0600	ICP 1800
*READ	ANTHONY RODRIGUEZ	1	N	ICP 0600	ICP 1800

7. Control Operations

1. Continue to improve line from South Coast Road to Slick Rock.

8. Special Instructions

- Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
 - Avoid ground disturbance of archaeological resource areas marked with red, white, and blue flagging.
- * READ'S are working in both divisions B and C.

9

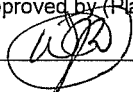
Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	KING	1	NIFC	CMD 2
Tactical Div/Group	168.2000N	168.2000N	0.0	KING	4	NIFC	TAC 2
Logistics							
Air to Ground	168.0125N	168.0125N	0.0	KING	13		

Prepared by (Resource Unit Leader)

AI Yanagisawa

Approved by (Planning Section Chief)



Date Prepared

10/01/08

Time Prepared

1453

C

3. Incident Name <p style="text-align: center; font-weight: bold;">CHALK</p>	4. Operational Period <p style="text-align: center;">10/02/08 Thursday Day Shift 0600 - 1800</p>
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5. Operations Personnel			
Operations Chief	MIKE BOONE	Division/Group Supervisor	MIKE MILKOVICH
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
		Safety Officer	JEFF SALEY

6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 DEL ROSA HS	JAMES TOMASELLI	17	N	ICP 0600	ICP 1800
CRW1 EL CARISO HS	JAY BERTEK	21	N	ICP 0600	ICP 1800
CRW1 9395G	KIRK ROBERTSON	24	N	ICP 0600	ICP 1800
ENG3 S/T 1610 C	JIM PARKER	27	N	ICP 0600	ICP 1800
ENG3 S/T BLM 6706C	ERIC DOWNWARD	17	N	ICP 0600	ICP 1800
ENG3 S/T LPF MONTEREY	FRANK ZABROWSKI	27	N	ICP 0600	ICP 1800
WT2 8841 E-11		1	N	ICP 0600	ICP 1800
FEMT	DAVE BENSON	1	N	ICP 0600	ICP 1800
FEMT	KEVIN GREENWALL	1	N	ICP 0600	ICP 1800
SOFR	ANDY DIMIZIO	1	N	ICP 0600	ICP 1800
SOFR	FRANK CHACON (T)	1	N	ICP 0600	ICP 1800
*READ	DESI ZAVALLA	1	N	ICP 0600	ICP 1800
*READ	RICHARD GARCIA	1	N	ICP 0600	ICP 1800
*READ	ANTHONY RODRIGUEZ	1	N	ICP 0600	ICP 1800

7. Control Operations
 1. Hold line on Prewitt Ridge from B/C Division Break to D/C Division break.

8. Special Instructions
 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
 2. Avoid ground disturbance of archaeological resource areas marked with red, white, and blue flagging.
 * READ'S are working in both divisions B and C.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	KING	1	NIFC	CMD 2
Tactical Div/Group	168.6000N	168.6000N	0.0	King	5	NIFC	TAC 3
Logistics							
Air to Ground	168.0125N	168.0125N	0.0	KING	13		

Prepared by (Resource Unit Leader) Al Yanagisawa	Approved by (Planning Section Chief) 	Date Prepared 10/01/08	Time Prepared 2217
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D

3. Incident Name <p style="text-align: center; font-size: 18px;">CHALK</p>	4. Operational Period <p style="text-align: center; font-size: 18px;">10/02/08 Thursday Day Shift 0600 - 1800</p>
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5. Operations Personnel			
Operations Chief	MIKE BOONE	Division/Group Supervisor	CHRIS LINANE
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 FULTON HS	RON BOLLIER	18	N	ICP 0600	ICP 1800
CRW1 HORSESHOE HS	JOE GONZALES	21	N	ICP 0600	ICP 1800
ENG3 S/T SQF 5650 C	S. GRIFFITHS/D. BUSH (T)	22	N	ICP 0600	ICP 1800
ENG3 S/T 9460C	BLOXHAM	21	N	ICP 0600	ICP 1800
FEMT	THORSTEN MOLLMANN	1	N	ICP 0600	ICP 1800
FEMT	SHAWN HUGHES	1	N	ICP 0600	ICP 1800
SOFR	CLIFFORD PEAY	1	N	ICP 0600	ICP 1800

7. Control Operations
 1. Contingency line from Highway 1 to Alms Ranch.

8. Special Instructions
 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
 2. Avoid ground disturbance of archaeological resource areas marked with red, white, and blue flagging.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	164.1375N	164.1375N	0.0	King	6	NIFC	TAC 4
Logistics							
Air to Ground	168.0125N	168.0125N	0.0	King	13		

Prepared by (Resource Unit Leader) AI Yanagisawa	Approved by (Planning Section Chief) 	Date Prepared 10/01/08	Time Prepared 1520
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Division Assignment List	1. Branch	2. Division/Group
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Z

3. Incident Name <p style="text-align: center; font-size: 18pt; font-weight: bold;">CHALK</p>	4. Operational Period <p style="text-align: center; font-size: 18pt; font-weight: bold;">10/02/08 Thursday Day Shift 0600 - 1800</p>
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5. Operations Personnel			
Operations Chief	MIKE BOONE	Division/Group Supervisor	KEN MURRAY
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 BEAR DIVIDE HS	MIKE ALLRED	19	N	ICP 0600	ICP 1800
CRW1 LAGUNA HS	JIM HUSTON	20	N	ICP 0600	ICP 1800
CRW1 DALTON HS	STEVE ROBLES	22	N	ICP 0600	ICP 1800
CRW1 KINGS RIVER HS	ISSAC NAYLOR	22	N	ICP 0600	ICP 1800
DOZR2 WESTERN WILDFIRE E-57	ECKHART HARRISON	1	N	ICP 0600	ICP 1800
DOZR2 WESTERN WILDFIRE E-56	HAWK DORMODY	1	N	ICP 0600	ICP 1800
DOZB	RICHARD SAUER	1	N	ICP 0600	ICP 1800
FEMT	MATHEW VIERRA	1	N	ICP 0600	ICP 1800
FEMT	STEVEN GONZALEZ	1	N	ICP 0600	ICP 1800
SOFR	GUS BRYANT	1	N	ICP 0600	ICP 1800
FOBS	ALFRED TAFF	1	N	ICP 0600	ICP 1800
FOBS	DEAN MILLAN	1	N	ICP 0600	ICP 1800
THSP	PETER HARRIS	1	N	ICP 0600	ICP 1800

7. Control Operations
 1. Structure contingency for Highway 1.

8. Special Instructions
 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
 2. Avoid ground disturbance of archaeological resource areas marked with re, white and blue flagging.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	166.7250N	166.7250N	0.0	King	7	NIFC	TAC 5
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader) AI Yanagisawa	Approved by (Planning Section Chief) 	Date Prepared 10/01/08	Time Prepared 1521
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Division Assignment List

1. Branch

2. Division/Group

DOZER GROUP

3. Incident Name

CHALK

4. Operational Period

10/02/08 Thursday Day Shift 0600 - 1800

5. Operations Personnel

Operations Chief	MIKE SANDWICK	Division/Group Supervisor	KENNY ELLISON
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

6. Resources Assigned this Period


Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
DOZR1 - VNC 4 E-55		2	N	ICP 0600	ICP 1800
DOZR2 - 8892 E-187		1	N	ICP 0600	ICP 1800
DOZR2 - 8893 E-188		1	N	ICP 0600	ICP 1800
DOZR2 - 8894 E-189		1	N	ICP 0600	ICP 1800
DOZR2 - 7755 E-20		1	N	ICP 0600	ICP 1800
DOZR2 - 7756 E-21		1	N	ICP 0600	ICP 1800
DOZR2 - 7757 E-22		1	N	ICP 0600	ICP 1800
DOZR2 - 7758 E-23		1	N	ICP 0600	ICP 1800
DOZR2 - KRITZ E-58	CHUCK KRITZ	1	N	ICP 0600	ICP 1800
DOZR2 ANF #3		1	N	ICP 0600	ICP 1800
DOZB	K. DAUGHERTY	1	N	ICP 0600	ICP 1800
DOZB	ERIC TREJO	1	N	ICP 0600	ICP 1800
DOZB	JEFF GOLDEN	1	N	ICP 0600	ICP 1800
DOZB	SHANE MINER	1	N	ICP 0600	ICP 1800
DOZB	ANTHONY BURROWS	1	N	ICP 0600	ICP 1800
DOZB	DARREN BEATY	1	N	ICP 0600	ICP 1800
DOZB	JOHN FLORES	1	N	ICP 0600	ICP 1800
DOZB	RAMONE GOMEZ (T)	1	N	ICP 0600	ICP 1800
GRDR	LINDSEY	1	N	ICP 0600	ICP 1800

7. Control Operations
 1. Continue to improve indirect on the McKern Trail.

8. Special Instructions
 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
 2. Avoid ground disturbance of archaeological resource areas marked with red, white, and blue flagging.

9. Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	173.9125N	173.9125N	0.0	King	10	NIFC	R5 TAC 4
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader) **Mark Cole** Approved by (Planning Section Chief)  Date Prepared **10/01/08** Time Prepared **1454**

Division Assignment List

1. Branch

2. Division/Group

STRUCTURE GROUP

3. Incident Name

CHALK

4. Operational Period

10/02/08 Thursday Day Shift 0600 - 1800

5.

Operations Personnel

Operations Chief

MIKE SANDWICK

Division/Group Supervisor

STEVE WINTER, N. WASHINGTON(t)

Operations Chief

STEVE STOLL (T)

Air Attack Supervisor

KENT HASKINS

Branch Director

Safety Officer

JEFF SALEY

6

Resources Assigned this Period

Strike Team/Task Force/ Resource Designator

Leader

Num of Pers.

Trans. Y/N

Drop Off PT./Time

Pick Up PT./Time

CRW1 SIERRA HS

KEN JORDAN

19

N

ICP 0600

ICP 1800

CRW1 BIG BEAR HS

JIMMY AVILA

20

N

ICP 0600

ICP 1800

ENG3 S/T 4660 C

B. ROSENOW

27

N

ICP 0600

ICP 1800

ENG3 S/T KRN 5200 D

BRENT MOON

17

N

ICP 0600

ICP 1800

FOBS

RICHARD LAURITSON

1

N

ICP 0600

ICP 1800

FEMT

CHRIS DEMATEIS

1

N

ICP 0600

ICP 1800

FEMT

JEFF LANTELLO

1

N

ICP 0600

ICP 1800

WT2 7840

1

N

ICP 0600

ICP 1800

7. Control Operations

1. Protect structures at Prewitt Ridge, Highway 1 and Lime Kiln State Park.

8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeological resource areas marked with red, white, and blue flagging.

9

Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	168.2500N	168.2500N	0.0	King	9	NIFC	TAC 7
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader)

AI Yanagisawa

Approved by (Planning Section Chief)



Date Prepared

10/01/08

Time Prepared

1454

Division Assignment List

1. Branch

2. Division/Group

CONTINGENCY GROUP

3. Incident Name

CHALK

4. Operational Period

10/02/08 Thursday Day Shift 0600 - 1800

5. Operations Personnel

Operations Chief	MIKE SANDWICK	Division/Group Supervisor	
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
Terra Torch VNC E-172	John Spykerman	4		ICP 0600	ICP 1800


7. Control Operations

8. Special Instructions

- 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
- 2. Avoid ground disturbance of archaeological resource areas marked with red, white and blue flagging.

9. Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	166.7750	166.7750	0.0	King	8	NIFC	TAC 6
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader)	Approved by (Planning Section Chief)	Date Prepared	Time Prepared
Mark Cole		10/01/08	1524

Division Assignment List		1. Branch	2. Division/Group
		STAGING	

3. Incident Name	CHALK	4. Operational Period	10/02/08 Thursday Day Shift 0600 - 1800
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5. Operations Personnel			
Operations Chief	MIKE BOONE	Division/Group Supervisor	
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY


6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
DIVS	MARTIN, CRAIG	1	N	ICP 0600	ICP 1800
ENG6 PVT E-260	JONAH SMITH	3	N	ICP 0600	ICP 1800

7. Control Operations

8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeologica resource areas marked with red, white and blue flagging.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	166.7750	166.7750	0.0	King	8	NIFC	TAC 6
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader)	Approved by (Planning Section Chief)	Date Prepared	Time Prepared
Mark Cole		10/01/08	2201

AIR OPERATIONS SUMMARY

(Expanded Form for Large Operations)

OPERATIONAL PERIOD DATE: DAY SHIFT DATE: 10/2/08 START: 0700 END: 1924

1. INCIDENT NAME: Chalk	2. PREPARED BY: Brad Joos	3. PREPARED DATE/TIME: 10/1/08 2200
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): Report in to Fort Hunter Liggett on 126.200 to Tusi advisory (Range Control) All GPS data to be collected (degrees & decimal minutes WGS84) **Avoid aerial application of retardant or foam within 300° of waterways, bodies of water, Nacimiento River, Mill Creek. If retardant is dropped within these areas, notify AOBDD with Lat & Long, est. of gallons, and a map. Avoid flying over Fire Camp. Be alert for powerlines that are present on the FHL Base near Tusi and crossing throughout the field of operations and near some ponds. Tusi Helibase: Lat 35 59.618 Long 121 14.134 Tusi FAX # 831-385-3510 Condors may frequent the fires edge.		

6. PERSONNEL	Phone	7. REQUENCIES		8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)	
		AIR/AIR FW:	AM	Air Tactical	AA-07
AOBD: Brad Joos Deputy AOBDD:	805 886-6970		118.950	Lead Bravo 5 Lead 26E	AA-15
ATGS: Ken Haskins ATGS: Pat Basch	559-281-0533	AIR/AIR RW:	130.200	Airtankers	ATs Type I and II = 8
HILCO:		AIR/GROUND:	168.0125	Other :	Medivacs (CHP H-70 or CalStar Monterey)
ASGS: Al Driesbach & Jason Nava	805-479-1837 661-805-4750	DECK:	163.100		
HEBM: Sean Aidukas Tusi	805-350-3716	COMMAND RPT	RX168.1000 TX170.4500 Tone (110.9)		
HEBM Torch Base		Air Guard Torch/PSD Ops	136.150		

(IAP & maps posted on ftp.nifc.gov)

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
H-522	2	B-205	Tusi	0700	0730	Ocean & Fresh H2O	HT-719	1	S-64	Tusi	0700	0730	Fresh H2O
H-517	2	B-210	Tusi	0700	0730	Fresh H2O	HT-720	1	S-64	Tusi	0700	0730	Fresh H2O
H-531	2	B-205	Tusi	0700	0730	Ocean & Fresh H2O	75D	1	VERTOL	Tusi	0700	0730	Ocean&FreshH2O
H-525	3	A-Star	Tusi	0700	0730	PSD/Ocean& Fresh							
H-510	2	B-212	Tusi	0700	0730	Torch/ Ocean&Fresh							
22EA	3	206 B3	Tusi	0700	0730	IR Mapping							
TBA		TBA	Tusi	TBA	24/7	Medvac,NVG, Hoist							
						PENDING							

10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Air Tactical	Direct A/C operations, coordinate with Ops.	0730		
Bucket support	HELICOPTERS. SUPPORT CREWS ON THE LINE. (All dip sites need to have a dip site mgr. present during ops)			
PAX/Cargo	Tusi Base for cargo and Recons (Drinking water, have available for crews on line. Slings loads.) **** Avoid making cargo loads in Starthistle that is located at Tusi Helibase.***			
Medevac	Go through IC (See Medical Plan for specifics)			
Recon/IR ship	IC & OSC as requested, FBAN, Situation UL. (May get military overhead request for recon late morning 8 pax)			
Helispot Construction	Once helispot established/approved/numbered, notify Air Ops with Lat Long			
Helitack	When on fireline, be sure to follow LCES, 10s and 18s. Use Lookouts and Trigger Points.			
Mobile Retardant Base				
Communications	Be prepared to assist in location and installation of repeaters and other radio equipment			

11. Helispot, Dip Site Portable Retardant Base and Sling Spot Information-

HELI-SPOTS #	DIP SITES	SLING SPOT #	DIVISION	LATITUDE	LONGITUDE	REMARKS
	Merle Ranch			36° 04.17'	121° 23.30'	Use only as backup to Coleman
	Stoney			35° 57.458'	121° 16.62'	Close to Torch Base, coord. Ops. (shallow, snorkel only)
	Coleman			36° 04.956'	121° 17.025'	Avoid flying over camp
	Adobe			36° 06.541'	121° 26.123'	Type 2 or 3 Bucket only
Torch Base				35° 57.851'	121° 17.89'	Close to Stoney Dip site, coordinate operations

Safety Message

Major Hazards and Risks:

Extremely Steep and rugged terrain

Potential for reburn

Poison Oak – Doctor in camp!

Heat related injuries – Stay hydrated

Fire/Bug/SODS weakened trees/snags – Keep travel to minimum

Narrow roads, traffic control and large vehicles – Keep speeds down

Medivac shortcomings – Ambulance in place!

Narrative:

Maintain a high degree of situational awareness, as this fire has the potential to move extremely quickly and erratically in this steep topography combined with a type 4 fuel model. There is a high degree of dead fuel load, including trees, from sudden oak death, frost and bug kill, which contributes to a high energy release component. **Engage only when all LCES considerations have been fully covered**, identify safety zones and watch for weather changes that can come from the coastal interface. **Your safety is the highest priority!**

Be especially careful with your footing in the steep rugged terrain. One fall could be your last.

Don't forget to hydrate: a 3 to 1 ratio of water to sports type drink will keep heat related injuries minimized.

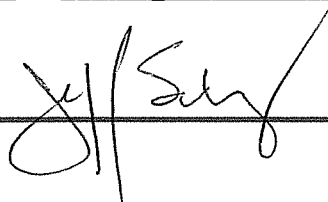
Lookouts

Communications

Escape Routes

Safety Zones

Prepared by Safety Officer: Jeff Saley



LCES Analysis of Tactical Actions

Incident: Chalk

Date: 10/02/08

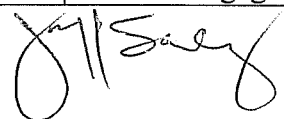
Shift: Day

LOCATION

Tactical Hazards	Div A	Div B	Div C	Div D	Div Z	Doz Grp	Stru. Grp		LCES MITIGATIONS
Indirect Fireline	X	X	X	X		X			LCES
Downhill Fireline	X	X	X	X		X			Small sections. DH mitigations
Underslung Fireline	X	X	X	X		X			LCES. Trench.
Mid-slope Fireline	X	X	X	X		X			Small segments. Scout. LCES
Anchor Points	X		X	X	X	X			Reestablish to new footprint
Extreme Weather									
Unburned Areas	X	X	X	X	X	X			Predominant throughout. LCES
Extremely Steep Terrain	X	X	X	X	X	X			Scout in daylight. Spacing.
Snags (Sudden Oak Death)	X	X	X	X		X	X		Look up, down, around. Scout.
1+Hour Transportation	X	X	X	X	X		X		Speed down. Focus on driving
Poor Communications									Assure current clone. Clear, concise directions to air.
Roads/Traffic Problems/ Very Steep	X	X	X	X	X	X	X		Traffic Plan. Drive slow w/ headlights.
Heavy Equipment	X	X	X	X	X	X	X		Yield right of way. Comm. w/ dozer boss
Medical Evac. procedures									Hoist still needed
Air Operations Multi-Aircraft	X	X	X	X		X	X		Concise directions to air
Poison Oak	X	X	X	X	X	X	X		Swap or clean PPE whenever possible
Problem Safety Zones	X				X	X	X		Identify adequate zones before engaging or don't engage!

ICS-215A

Safety Officer: Jeff Saley



INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name

CHALK

Date/Time Prepared

10/01/08 2000hrs.

Operational Period Date/Time

10/02/08 0600-1800hrs.

Ch #	Function	Channel Name/Trunked Radio System/Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode	Remarks
1	COMMAND		ALL DIVISIONS	168.1000	N	0.0	170.4500	N	110.9	A	NIFC CMD 2
2											
3	TACTICAL		DIVISION A	168.0500	N	0.0	168.0500	N	0.0	A	NIFC TAC 1
4	TACTICAL		DIVISION B	168.2000	N	0.0	168.2000	N	0.0	A	NIFC TAC 2
5	TACTICAL		DIVISION C	168.6000	N	0.0	168.6000	N	0.0	A	NIFC TAC 3
6	TACTICAL		DIVISION D	164.1375	N	0.0	164.1375	N	0.0	A	NIFC TAC 4
7	TACTICAL		DIVISION Z	166.7250	N	0.0	166.7250	N	0.0	A	NIFC TAC 5
8	TACTICAL		CONT GRP	166.7750	N	0.0	166.7750	N	0.0	A	NIFC TAC 6
9	TACTICAL		STR GRP	168.2500	N	0.0	168.2500	N	0.0	A	NIFC TAC 7
10	TACTICAL		DOZ GRP	173.9125	N	0.0	173.9125	N	0.0	A	R5 TAC 4
11											
12	BACKUP COMMAND		ALL DIVISIONS	170.550	N	0.0	169.9000	N	103.5	A	LPFN CONE PK. TONE 8
13	AIR/GROUND		ALL DIVISIONS	168.0125	N	0.0	168.0125	N	0.0	A	
14	AIR GUARD		ALL DIVISIONS	168.6250	N	0.0	168.6250	N	110.9	A	AIR EMERGENCIES ONLY
15											
16	AIR GUARD		ALL DIVISIONS	168.6250	N	0.0	168.6250	N	110.9	A	AIR EMERGENCIES ONLY

5. Prepared by (Communications Unit)

Rick Smith COML



Incident Location
County

State

Latitude

N Longitude

W

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project 25)

MEDICAL PLAN 206	1. INCIDENT NAME Chalk		2. DATE PREPARED 10/1/08	3. TIME PREPARED 1900	4. OPERATIONAL PERIOD DATE / TIME 10/2/08 0600-1800			
	5. INCIDENT MEDICAL AID STATIONS							
MEDICAL AID STATIONS			LOCATION			PARAMEDICS		
						YES	NO	
Medical Unit			Base Camp			<input checked="" type="checkbox"/>		
FEMT			As Assigned per Division				<input checked="" type="checkbox"/>	
Ponderosa Camp Ground			Nac. Ferg. Road			<input checked="" type="checkbox"/>		
6. AMBULANCE SERVICES								
NAME		ADDRESS		PHONE	PARAMEDICS			
					YES	NO		
Life Line Ambulance M-502		Ponderosa Campground		805-746-3473	<input checked="" type="checkbox"/>			
Cal Star Helicopter/No hoist		Santa Maria/Salinas/Gilroy		831-335-0341	<input checked="" type="checkbox"/>			
CHP Helicopter H-70 Hoist (unavailable after 23:30)		Paso Robles		805-593-3344 805-239-3553	<input checked="" type="checkbox"/>			
SBC Helicopter 308 Hoist/Night Vision/Paramedic (available from SBC Helibase for single mission requests)		Santa Ynez Airport		805-692-5723 SBC Dispatch	<input checked="" type="checkbox"/>			
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GROUND		YES	NO	YES	NO
Mee Memorial Lat: 36°12'30" Long: 121°07'50"	300 Canal St. King City, CA	8 min	35 min	831-385-7220	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Twin Cities Lat: 35°-33'-20" Long: 121°-07'-50"	1100 Las Tablas Templeton, CA	16 min	1 hr.-15 min.	805-434-4553	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Valley Medical Lat: 37°18'51" Long: 121°56'03"	751 S. Bascom Ave. San Jose, CA	40 min	N/A	408-885-6912	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
8. MEDICAL EMERGENCY PROCEDURES								

LINE EMERGENCY:

Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.

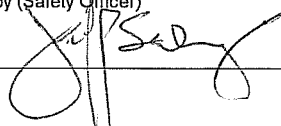
- Division Supervisor contacts:
 1. Line EMT
 2. Communications Unit
- Communications Unit contacts:
 1. Medical Unit
 2. Operations
 3. Safety
- *Division Supervisor will run medical emergency on command channel*
- Communication Unit will clear command channel for emergency traffic
- Medical Unit will:
 1. Dispatch ground ambulance to nearest drop-point for ground transport only.
 2. Or after patient pickup, dispatch ambulance to Heli-base for Medical AIR EVAC Flight if needed
 3. Notify receiving hospital of injury status.

CAMP EMERGENCY:

Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:

- Medical Unit contacts Communications, Safety and Operations

Prepared by (Medical Unit Leader) <i>Jan Purkett</i>	10. Reviewed by (Safety Officer) <i>Jeff Saley</i>
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Wilderness Minimum Impact Fire Suppression Guidelines

MIST

Minimum Impact Suppression Guidelines for Forest Service Wilderness Areas

Fuel Management

Hot-line/Ground Fuels

- Allow fire to burn to natural barriers.
- Use cold-trail, wet line or combination when appropriate.
- If constructed fire line is necessary, use only width and depth to check fire spread.
- Constantly re-check cold trailed fire line.

Hot-line/Aerial Fuels

- Limb vegetation adjacent to fire line only as needed to prevent additional fire spread.
- During fire line construction, cut shrubs or small trees only when necessary. Make all cuts flush with the ground.
- Minimize felling of trees and snags unless they threaten the fire line or seriously endanger workers. In lieu of felling, identify hazard trees with a lookout or flagging.
- Scrape around tree bases near fire line if it is likely they will ignite.

Mop up/Ground Fuels

- Do minimal spading; restrict spading to hot areas near fire line.
- Cold-trail charred logs near fire line; do minimal tool scarring.
- Minimize bucking of logs near fire line or to check for hot spots; roll the logs instead if possible.
- Return logs to original position after checking and when ground is cool.
- Refrain from making bone yards; burned and partially burned fuels that were moved should be returned to a natural arrangement.
- Consider allowing large logs to burnout. Use a lever rather than bucking to manage large logs which must be extinguished.
- Use gravity socks in stream sources and/or a combination of water blivits and fold-a-tanks to minimize impacts to streams.
- Consider using infrared detection devices along perimeter to reduce risk.

Mop up/Aerial Fuels

- Remove or limb only those fuels which if ignited have potential to spread fire outside the fire line.
- Before felling consider allowing ignited tree/snag to burn itself out. Ensure adequate safety measures are communicated if this option is chosen.
- Identify hazard trees with a lookout or flagging.
- Align saw cuts to minimize visual impacts from more heavily traveled corridors. Slope cut away from line of sight where possible.

Logistics

Campsite Considerations

- Locate facilities outside of wilderness whenever possible.
- Coordinate with the Resource Advisor in choosing a site with most reasonable qualities of resource protection and safety concerns.
- Evaluate short-term low impact camps such as cyote or spike versus use of longer-term higher impact camps.
- New site locations should be on impact resistant and naturally draining areas such as rocky or sandy soils, or openings.
- Avoid camps in meadows, along streams or on lakeshores. Locate at least 200 feet from lakes, streams, trails, or other sensitive areas.
- Consider impacts on both present and future users. An agency commitment to wilderness values will promote those values to the public.
- Lay out the camp components carefully from the start. Define cooking, sleeping, latrine, and water supply.
- Minimize the number of trails and ensure adequate marking.
- In NFS wilderness use brief relief portable toilet system.
- Do not use nails in trees.
- Constantly evaluate the impacts which will occur, both short and long term.

Personal Camp Conduct

- Use “leave no trace” camping techniques.
- Minimize disturbance to land when preparing bedding site. Do not clear vegetation or trench to create bedding sites.
- Use stoves for cooking, when possible. If a campfire is used, limit to one site and keep it as small as reasonable. Build either a “pit” or “mound” type fire. Avoid use of rocks to ring fires.
- Use down and dead firewood. Use small diameter wood, which burns down more cleanly.
- Don’t burn plastics or aluminum- “pack it out” with other garbage.
- Select travel routes between camp and fire and define clearly.
- Carry water and bathe away from lakes and streams. Personnel must not introduce soaps, shampoos or other personal grooming chemicals into waterways.

Aviation Management

One of the goals of wilderness managers is to minimize the disturbance caused by air operations during an incident.

Aviation use Guidelines

- Maximize back haul flights as much as possible.
- Use long line remote hook in lieu of constructed helispots for delivery or retrieval of supplies and gear. (Promote the use of llamas.)
- Take precautions to insure noxious weeds are not inadvertently spread through the deployment of cargo nets and other external loads.

- Use natural openings for helispots and paracargo landing zones as far as practical. If construction is necessary, avoid high visitor use areas.
- Consider maintenance of existing helispots over creating new sites.
- Obtain specific instructions for appropriate helispot construction prior to the commencement of any ground work.
- Consider directional falling of trees and snags so they will be in a natural appearing arrangement.
- Buck and limb only what is necessary to achieve safe/practical operating space in and around the landing pad area.

Retardant Use

- During initial attack, fire managers must weigh the non-use of retardant with the probability of initial attack crews being able to successfully control or contain a wildfire. If it is determined that use of retardant may prevent a larger, more damaging wildfire, then the manager might consider retardant use even in sensitive areas. This decision must take into account all values at risk and the consequences of larger firefighting forces' impact on the land.
- Consider impacts of water drops versus use of foam/retardant. If foam/retardant is deemed necessary consider use of foam before retardant use.

Hazardous Materials

Flammable/Combustible Liquids

- Store and dispense aircraft and equipment fuels in accordance with National Fire Protection Association (NFPA) and Health and Safety Handbook requirements.
- Avoid spilling or leakage of oil or fuel, from sources such as portable pumps, into water sources or soils.
- Store any liquid petroleum gas (propane) downhill and downwind from fire camps and away from ignition sources.

Flammable Solids

- Pick up residual fuses debris from the fire line and dispose of properly.

Fire Retardant/Foaming Agents

- Do not drop retardant or other suppressants near surface waters.
- Use caution when operating pumps or engines with foaming agents to avoid contamination of water sources.

Retardant and Foam Information Tracking Form

Use this form to record your observations of retardant or foam that lands within 300 feet of any water bodies. Water bodies include all wet areas (streams, ponds, seeps). Return all Information and this form to the Resource Advisor.

Incident Name:

Name of observer and position:

Date of delivery or discovery:

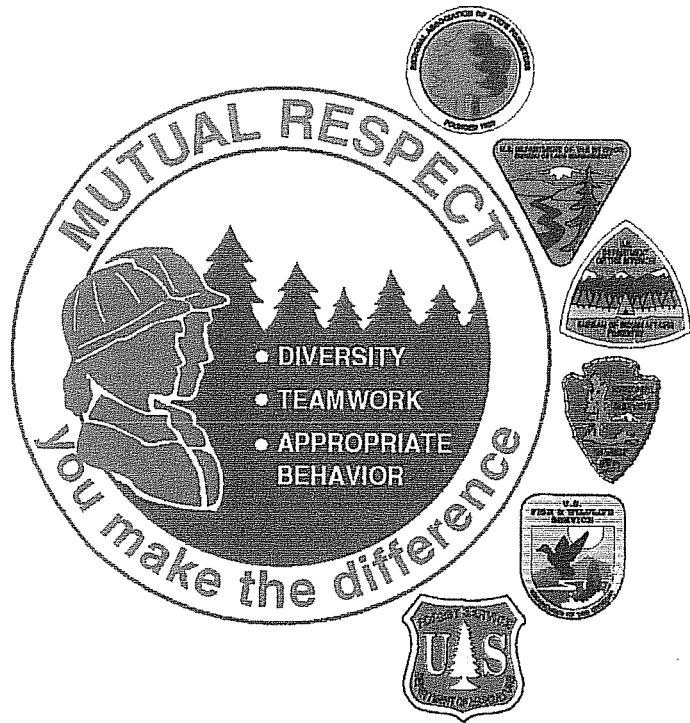
Location (Name of water body, division, landmark, GPS if possible):

Retardant / Foam present / Gel (water enhancer)? (circle one)

Note kind of material, if known:

Type of delivery: Air / Ground (circle one)

Estimated amount (gallons)?



HUMAN RESOURCE MESSAGE

THANKS FOR YOUR LEADERSHIP

The IC Team, is committed to provide you with a healthy and positive work environment, we treat every one with respect. To accomplish this we must each take responsibility for our conduct and speech.

Your Speech: Think before you speak. An incident brings together a diverse group of people and language that is okay with you might offend others.

Your Appearance: Our appearance must be in keeping with the work that we do. Clothing or other personal items with offensive (racial, sexual, illegal drugs, or logos) are not allowed.

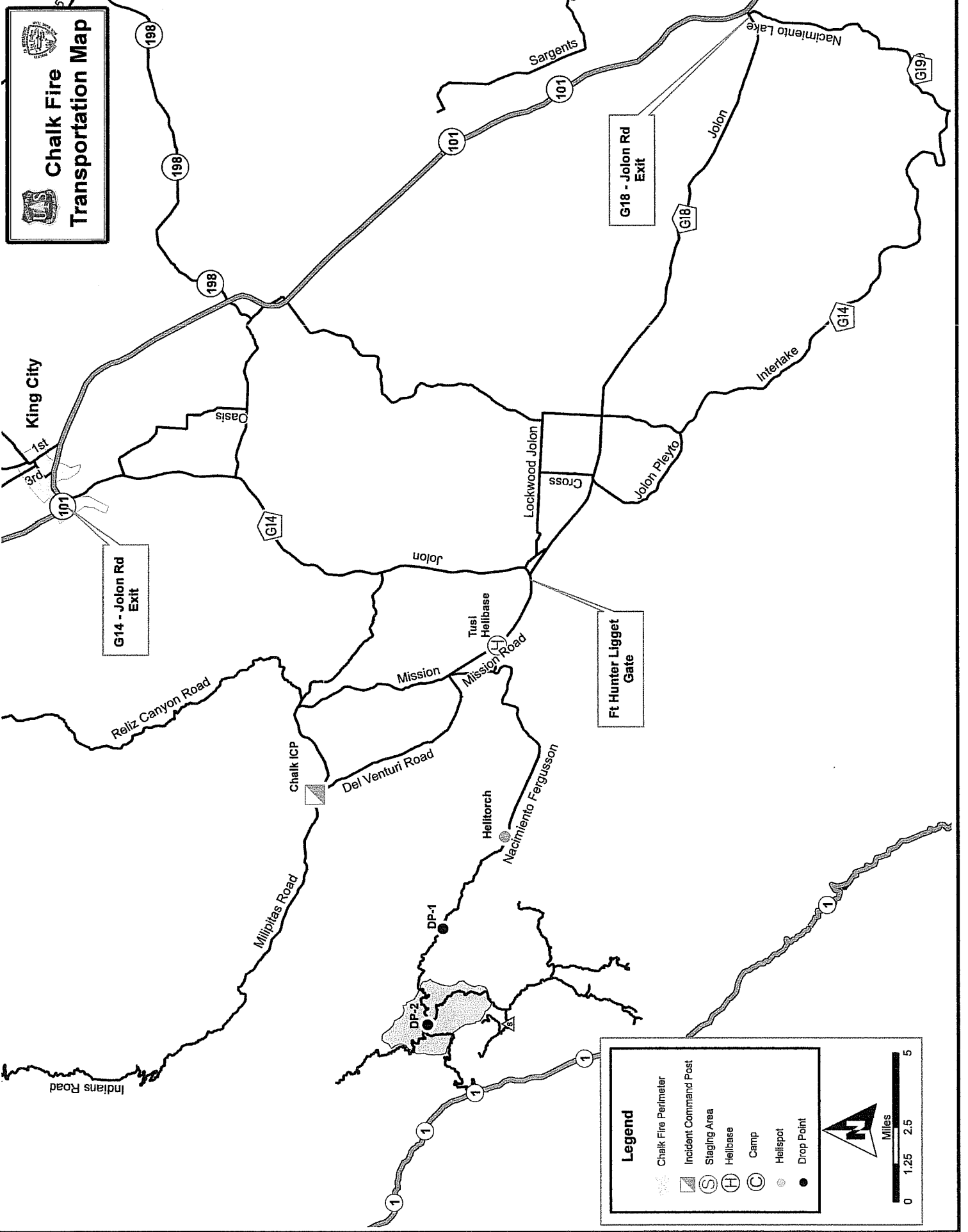
Due to your efforts, there have been no reported incidents of inappropriate behavior. We are proud of the professional and competent manner in which you have approached your fire assignment.

Eugene Rose
Human Resource Specialist



Steve Branch
Human Resources Specialist (Trainee)

**Chalk Fire
Transportation Map**



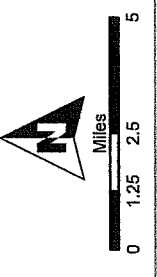
G14 - Jolon Rd Exit

G18 - Jolon Rd Exit

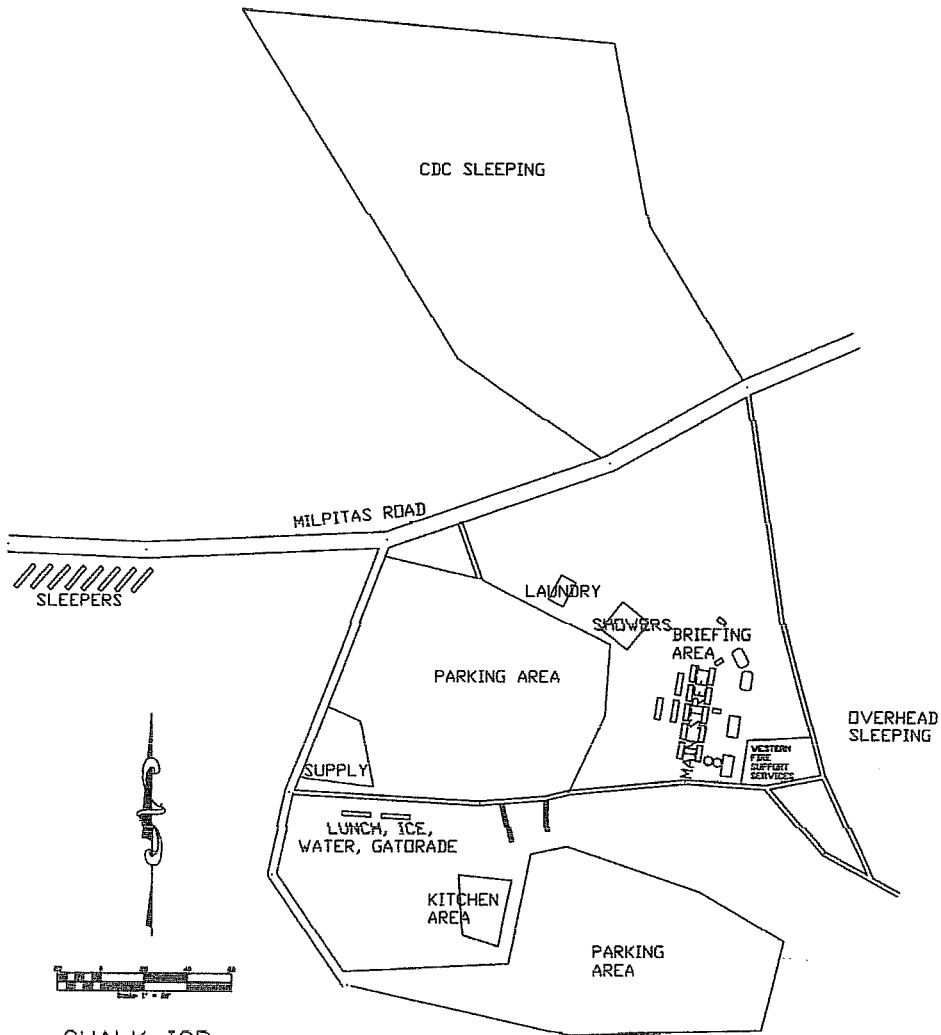
Ft Hunter Liggett Gate

Legend

- Chalk Fire Perimeter
- Incident Command Post
- Staging Area
- Helibase
- Camp
- Helispot
- Drop Point



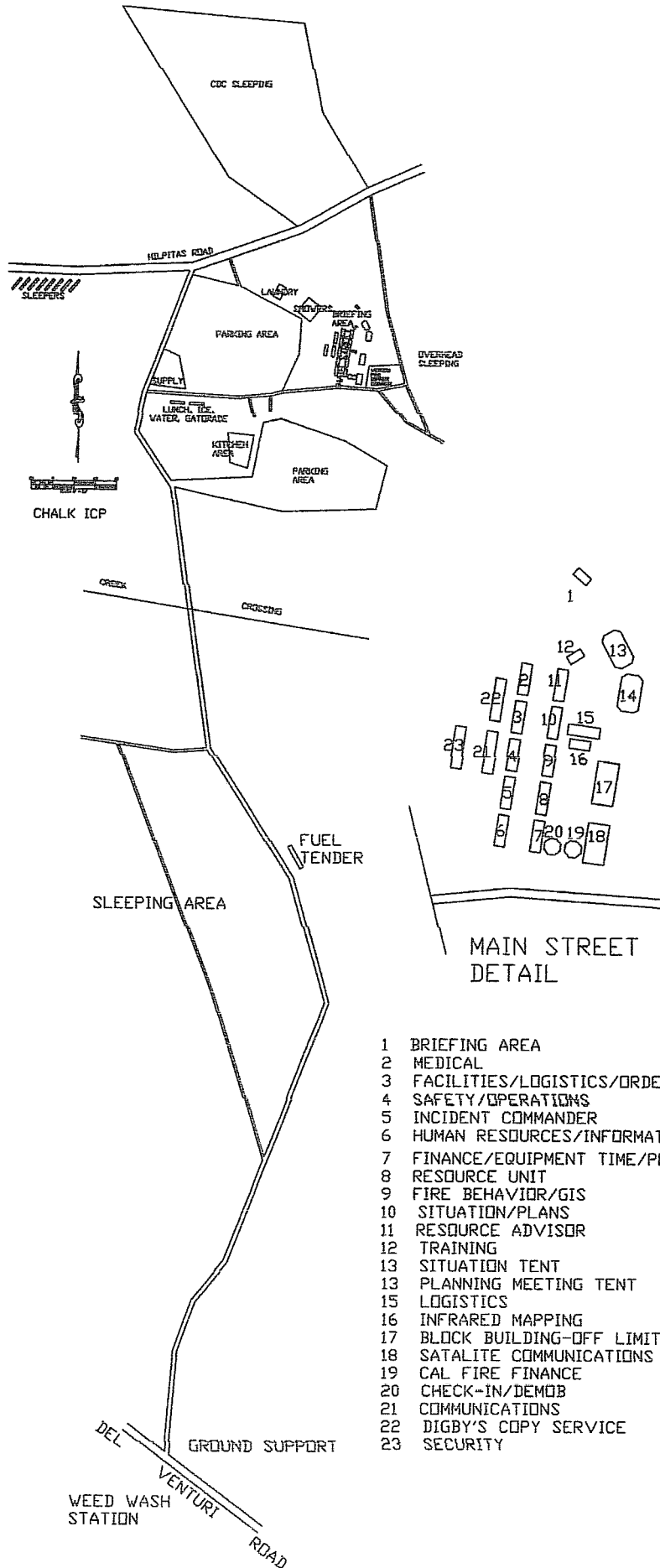
BASE CAMP CHALK ICP 10/1/2008



CHALK ICP

BASE CAMP CHALK ICP

10/1/2008



- 1 BRIEFING AREA
- 2 MEDICAL
- 3 FACILITIES/LOGISTICS/ORDERING
- 4 SAFETY/OPERATIONS
- 5 INCIDENT COMMANDER
- 6 HUMAN RESOURCES/INFORMATION
- 7 FINANCE/EQUIPMENT TIME/PERSONNEL TIME
- 8 RESOURCE UNIT
- 9 FIRE BEHAVIOR/GIS
- 10 SITUATION/PLANS
- 11 RESOURCE ADVISOR
- 12 TRAINING
- 13 SITUATION TENT
- 13 PLANNING MEETING TENT
- 15 LOGISTICS
- 16 INFRARED MAPPING
- 17 BLOCK BUILDING-OFF LIMITS
- 18 SATALITE COMMUNICATIONS
- 19 CAL FIRE FINANCE
- 20 CHECK-IN/DEMOB
- 21 COMMUNICATIONS
- 22 DIGBY'S COPY SERVICE
- 23 SECURITY

UNIT LOG		1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators		5. Unit Leader (Name and Position)		6. Operational Period
7. Personnel Roster Assigned				
Name	ICS Position		Home Base	
8. Activity Log				
Time	Major Events			
9. Prepared by (Name and Position)				