

# Incident Action Plan

## Trailhead Fire

CA-NEU 015200

PNKQC6



**NIGHT SHIFT**

07/04-05/16



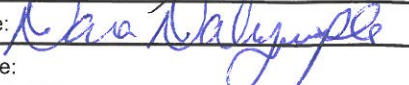
1800-0600

FIRE INFORMATION PHONE # 530-303-7006

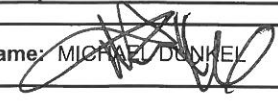

Monday / Tuesday - HAPPY 4TH!!!!



## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> 1800-0600 NIGHT	
TRAILHEAD		Date/Time From: 07/04/2016 1800 MON	Date/Time To: 07/05/2016 0600 TUE
<b>3. Objective(s):</b>			
Management Objectives: <ul style="list-style-type: none"> <li>• Ensure that strategies and tactics provide for firefighter and public safety through the application of sound risk management principles.</li> <li>• Manage the fire using a full suppression strategy.</li> <li>• Minimize the threat to private property, critical infrastructure, and commercial timberlands.</li> <li>• Establish and strengthen cooperator, partner, and stakeholder relationships.</li> </ul>			
<b>4. Operational Period Command Emphasis:</b>			
Control Objectives: <ul style="list-style-type: none"> <li>• Keep the fire south of the Middle Fork of the American River by holding fire within established containment lines from Peachstone Gulch to the Division P / L break.</li> <li>• Keep the fire west of Volcanoville by holding it within established containment lines from the Division P / L break to the Division T / X break.</li> <li>• Keep the fire north of Bottle Hill Road by holding it within established containment lines from the Division T / X break to the Division X / Z break.</li> <li>• Minimize fire spread to the west using established containment lines from Division X / Z break north to Peachstone Gulch.</li> </ul>			
<b>General Situational Awareness:</b>			
<ul style="list-style-type: none"> <li>• See attached weather forecast.</li> <li>• See attached safety message.</li> </ul>			
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
<b>Approved Site Safety Plan(s) Located at:</b>			
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	Other Attachments:	
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> 215A	
<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 220	<input type="checkbox"/> _____	
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/> _____	
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	
<input checked="" type="checkbox"/> ICS 206			
<b>7. Prepared by:</b> JEFF BUSCHER 		Position/Title: PSC2	Signature: 
<b>8. Approved by Incident Commander:</b>		Name: Daren Dabymple ICS 202 (+)	Signature: 
ICS 202		IAP Page	Date/Time:

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> 1800-0600 NIGHT	
TRAILHEAD		Date/Time From: 07/04/2016 1800	Date/Time To: 07/05/2016 0600 TUE
<b>3. Incident Commander(s) and Command Staff:</b>		COMPUTER SPECIALIST	SHANE NEAL / ZACH SOHL
IC	RICK YOUNG / BRIAN ESTES/ DAREN DALRYMPLE (T)	INCIDENT METEOROLOGIST	MIKE SMITH
DEPUTY	JOE MOLHOEK	STATUS CHECK-IN	JORDAN WEBER / EAMON ENGBER (T)
SAFETY OFFICER	STEVE DAVIS TERRY O'CONNELL	<b>6. Logistics Section:</b>	
INFORMATION OFFICER	ADRIENNE FREEMAN / COREY WILFORD	CHIEF	JACK COSTELLO / DUSTIN MARTIN
LIAISON OFFICER	TIM FIKE	DEPUTY	AARON LOWE
<b>4. Agency/Organization Representative(s):</b>		SUPPLY UNIT	DAVE ALICEA / KEN KUMPE (T)
<b>Agency/Organization</b>	<b>Name</b>	FACILITIES UNIT	RIC CROWTHER ROBIN DAVIS (T)
AGENCY ADMIN	LAURENCE CRABTREE / MIKE KASLIN / GEORGE MORRIS III	GROUND SUPPORT UNIT	JOHN FELL / HARRY ZABEL
AGENCY ADMIN REP	PATRICIA TRIMBLE	COMMUNICATIONS UNIT	DON STONER
LEAD RESOURCE ADVISOR	JOHN JUE	MEDICAL UNIT	PATRICK YOUNG RICH LUCIUS (T)
PCSO	KEVIN BORDEN	FOOD UNIT	BECKY BAKER / KEVIN BROWNING
CHP	STEVEN PELLEGRINO	<b>7. Operations Section:</b>	
PG & E	JEFF MILLER	DAY OPS SECTION CHIEF	ERIC PETTERSON
PLACER OES	CIERRA HANCOCK	NIGHT OPS SECTION CHIEF	DUSTAN MUELLER
FORESTHILL PUD	RON MILLS	PLANNING OPS	JASON WITHROW (T)
CAL OES	GARY HUMPHREY	OPS SECTION CHIEF	DAN GEORGE
LINE OFFICER AEU	BRIAN ESTES	STAGING AREA - SCHOOL	
LINE OFFICER NEU		<b>Branch I</b>	
CDCR AGENCY REP	LT MIKE HILL 209 639 8627	BRANCH DIRECTOR	
EL DORADO CNTY LAW BRANCH	TODD CRAWFORD	DIVISION/GROUP	L / P JOHN GOSS
<b>5. Planning Section:</b>		DIVISION/GROUP	T / X HEATHER MCRAE
CHIEF	JEFF BUSCHER JOHN OWEN (T)	DIVISION/GROUP	Z HEATHER GROVE
DEPUTY	PATRICK FARRELL	<b>Branch II</b>	
RESOURCES UNIT	DUANE MILLER / ROBERTA LIM / MICHAEL DUNKEL (T)	BRANCH DIRECTOR	
SITUATION UNIT	MATT BROWN KEITH FLOOD / JOHN MOHOFF (T)	DIVISION/GROUP	A MIKE CRANDALL
DOCUMENTATION UNIT	JEFFERY DEARDORFF	<b>7b. Air Operations Branch:</b>	
DEMOBILIZATION UNIT	DAN BAGAO / SCOTT WEESE (T)	AIR OPS BRANCH DIRECTOR	DENNIS KUSTER
FIRE BEHAVIOR ANALYST	KEN LARSON TERESA RIESENHUBER (T)	<b>8. Finance/Administration Section:</b>	
TRAINING SPECIALIST	BRAD SMITH BRAD STEWART (T)	CHIEF	BETH LOPEZ DEBBIE PARLIN (T)
GIS SPECIALIST	M. GRUPE / M. KERR / S. WALTERSHIED (T)	TIME UNIT	PENNY PORTLOCK
		COMPENSATION UNIT	TINA KENNEDY
		COST UNIT	SAM RAPPAAHAIN
		EQUIPMENT TIME	JUANITA CORTEZ
<b>9. Prepared By:</b> Name:  MICHAEL DUNKEL		Position/Title:	RESL (T)
ICS 203	IAP Page	Date/Time:	07/04/2016 0856
		Signature:	



# INCIDENT Weather Forecast



**FORECAST NO:** 7 **NAME OF FIRE:** Trailhead

**PREDICTION FOR:** Monday Night **SHIFT** **UNIT:** NEU

**SHIFT DATE:** July 4/5, 2016 **SIGNED:** Mike Smith *Mike Smith*

**TIME AND DATE** **Incident Meteorologist**

**FORECAST ISSUED:** July 4, 1200

**WEATHER DISCUSSION:** A weak upper level trough continues to deepen over the west coast bringing dry stable southwest flow aloft over northern California. Expect slightly cooler temperatures tonight with a slight improvement in humidity recovery although most of the night will still see humidity values in the 45 to 55% range in the thermal belts. Stable conditions and light overnight winds will allow inversions to set in by mid evening with wind transitions around this time. Tuesday and Wednesday will see a slight cooling each day with slightly better overnight humidity recovery. Afternoon humidity is unlikely to change much, however, remaining moderate. Upper level winds may increase a bit Tuesday and Wednesday as the upper through digs in but most of this lower elevation fire will not see this increase. Therefore winds will continue to be primarily terrain driven.

### **WEATHER FORECAST:**

**WEATHER:** Fair skies except smoke settling in after about 2100.

**TEMPERATURES:** Min temperatures 58-65.

**HUMIDITY:** Maximum humidity 50% ridges to 68% canyon bottoms early Tuesday morning. Humidity through the majority of the night 45-55%.

#### **20 FT WINDS:**

**RIDGETOP -** Southwest 2-4 gusts to 8 mph becoming southeast 1-4 gusts to 8 mph after about 2100.

**SLOPE/VALLEY -** Upslope to upcanyon 2-4 gusts to 8 mph becoming Downslope to downcanyon 1-4 gusts to 7 mph after about 2100.

**STABILITY/INVERSION:** Inversions settling in around 2100. Stable conditions through the night with thermal belts above about 2000 feet.

**OUTLOOK FOR Tuesday:** Mostly Sunny skies except morning smoke through about 1000. Max temps 84-90. Minimum RH 19-26%. Ridge winds southeast 1-5 gusts to 8 mph becoming southwest 2-5 mph after about 1000. Gusts to 12 mph in the early afternoon. Slope winds downslope to downcanyon 1-4 gusts to 7 mph becoming upslope to upcanyon 2-5 mph after about 1000. Gusts to 10 mph in the early afternoon.

**OUTLOOK FOR Wednesday:** Mostly Sunny skies except morning smoke through about 1000. Max temps 83-89. Min Temps 56-63. Minimum RH 19-26%. Max recovery in the morning 48-65%. Ridge winds southeast 1-5 gusts to 8 mph becoming southwest 2-5 after about 1000. Gusts to 12 mph in the early afternoon. Slope winds downslope to downcanyon 1-4 gusts to 7 mph becoming upslope to upcanyon 2-5 mph after about 1000. Gusts to 10 mph in the early afternoon.

**EXTRA INFORMATION:** Sunset tonight: 5:44 pm      Sunrise Tuesday: 8:32 pm



# FIRE BEHAVIOR FORECAST



<b>FORECAST NUMBER:</b> 10	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> Trailhead Fire	<b>OPERATIONAL PERIOD:</b> July 4-5, 2016 Night Shift 1800 – 0600
<b>DATE ISSUED:</b> July 4, 2016	<b>TIME ISSUED:</b> 1045
<b>UNIT:</b> Eldorado NF, Georgetown R.D. & NEU (Cal-Fire)	<b>SIGNED:</b> <i>Isl Teresa Riesenhuber</i> , FBAN-t

## INPUTS

**WEATHER SUMMARY:** \*\*\*See attached Fire Weather Forecast\*\*\*

**Discussion:** Slightly cooler temperatures tonight with a slight improvement in humidity recovery, except in the thermal belt.

**Weather:** Fair skies, smoke settling in after about 2100 hrs. Thermal Belt above 2000 feet.

**Temp:** 58-65° **RH:** 45-55%

**Winds (eye level):** Upslope/Upcanyon < 2 mph gusts to 3 mph; switching to downslope/downcanyon after 2100  
SW 1-3 mph gusts to 4 mph; switching to SE after 2100.

**10 hr fuels:** 5% **1000 hr fuels:** 10% **Live Fuel Moisture:** 100%

## FIRE BEHAVIOR

### GENERAL

Fire activity will be active during evening hours (until about dark) with the potential for short upslope runs through brush (40 ch/hr) and timber (20 ch/hr) and flame lengths to 12 feet. After dark fire activity will subside. Backing and flanking pushed by the down-slope/down-canyon winds will occur through the night. Division Z has the greatest potential for active fire behavior. Division A should be on alert and ready for defensive actions should anything cross the river.

**Rate of Spread (Head Fire)** Open Timber: 1-2 ch/hr Closed Timber w/ Understory: 3-11 ch/hr Brush: 10-40 ch/hr

**Flame lengths (Head Fire)** Open Timber: 1-2 feet Closed Timber w/ Understory: 4-7 feet Brush: 7-12 feet

**Backing/Flanking Worst Case:** Rate of Spread < 2 ch/hr Flame Lengths < 3 feet

**POI:** 20% **Spotting Potential:** 1/10 mile

**Local Fire Danger:** ENF *Actual* 7/3 ERC = 75 BI = 58 ENF *Predicted* for 7/4 ERC = 75 BI = 68

### SPECIFIC FIRE BEHAVIOR

**Branch I:** Fire is holding well in Divisions L, P, T, X. Any remaining interior green islands will continue to burn down tonight. Be on the lookout for undetected spots from day shift, snags burning down, stump holes, and dirty burn areas that have re-burn potential. Expect to have downwind smoke effects in Divisions Z, X. Use extreme caution when working near or under the powerlines crossing through Divisions X and T as smoke could cause arcing.

**Division Z:** The fire will continue to back and flank down canyon in the American River and in the draws below the holding lines. The greatest potential for a spot to cross the American River is during shift change until it gets dark. If there is a spot occurs expect uphill and lateral runs where slope and wind align.

**Branch II:** The fire is being held within control lines. The area of concern is in the southern half of Division A. The greatest threat is during the shift change and daylight hours. Should fire spot across the American River from the Division Z side, expect active fire behavior including upslope runs, group tree torching, especially where slope and winds are aligned.

## AIR OPERATIONS

Becoming stable with inversions settling in after 2100. Smokey skies causing reduced visibility in the morning until the inversions lifts. Division Z, X, T will produce the most smoke this shift. Sunset: 20:33 Sunrise (07/05): 05:44



## SAFETY

Snags continue to fall and pose a risk to firefighter safety while engaging in fire suppression operations. Oak trees in the lower elevations are notorious for being weakened from fire activity; watch out for breaking limbs and falling trees. Take the time to assess work areas when mopping up as intense fires in the duff material may have weakened root systems making it easier for trees to uproot; especially in the mixed conifer fuels.

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>				<b>3.</b>			
TRAILHEAD				<b>I</b>		<b>L / P</b>	
<b>2. Operational Period:</b> <span style="float: right;"><b>1800-0600 NIGHT</b></span>							
Date/Time From: 07/04/2016 1800		Date/Time To: 07/05/2016 0600					
MON		TUE					
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		DUSTAN MUELLER		<b>BRANCH DIRECTOR</b>			
<b>DIVISION/GROUP SUPERVISOR</b>		JOHN GOSS		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER	
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC1 ST 9221G					DP 61/1900	0600/	
HC1 SALMON RIVER C-44		07/05	BILL ROBINSON	20	DP 61/1900	0600/	
ENG3 ST9440C E-159		07/14	KEN WARNOCK	16	DP 61/1900	0600/	
ENG3 ST 20002C E-163			JOHN WALSH	22	DP 61/1900	0600/	
ENG3 ST 2350C E-27			MAHLBERG		DP 61/1900	0600/	
WT1 GEORGETOWN E-40		07/11	WWESTWOOD	1	DP 61/1900	0600/	
WT1 DAVIS E-137		07/13	ANTHONY PEVEHOUSE	1	DP 61/1900	0600/	
FEMP O-10021		07/15	ANDREW ESTRADA	1	DP 61/1900	0600/	
FEMT O-10024		07/15	MICHAEL SHEPHERD	1	DP 61/1900	0600/	
<b>6. Control Operations/Work Assignments:</b>							
<ul style="list-style-type: none"> <li>• Hold containment line; Mop-up to the degree necessary to maintain containment.</li> </ul>							
<b>7. Special Instructions:</b>							
<ul style="list-style-type: none"> <li>• Backhaul any equipment not needed.</li> <li>• Draft only from approved water sources; maps with approved sources available from DIVS.</li> </ul>							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1	168.1000 N	123.0	170.4500 N	123.0	A	
TACTICAL	12	166.5500 N	123.0	166.5500 N	123.0	A	
AIR TO GROUND CMD	13	166.9125 N		166.9125 N		A	
AIR TO GROUND TAC	14	169.2875 N		169.2875 N		A	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>
ROBERTA LIM <i>Roberta Lim</i>			JEFF BUSCHER <i>Jeff Buscher</i>			07/04/2016	0856

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
TRAILHEAD			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> 1800-0600 NIGHT			I		T / X	
Date/Time From: 07/04/2016 1800 MON		Date/Time To: 07/05/2016 0600 TUE				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		DUSTAN MUELLER		<b>BRANCH DIRECTOR</b>		
<b>DIVISION/GROUP SUPERVISOR</b>		HEATHER MCRAE		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 GROWLERSBURG C-13		07/11	JOSH VICKERS	16	DP 42/1900	0600/
HC1 GROWLERSBURG C-14		07/11	MARTIN KING	16	DP 42/1900	0600/
ENG3 ST4660C E-10009		07/08	ZACK STOCKDALE / DAN LAIRD (T)	27	DP 42/1900	0600/
WT2S CONVERSE E-136		07/13	JAKE NICKELL	1	DP 42/1900	0600/
WT2S FLOODGATE E-135		07/13	JUAN PLACIOS	1	DP 42/1900	0600/
SOF2 O-10061		07/15	JASON JONES	1	DP 42/1900	0600/
FEMP O-158		07/15	ANDY OBERG	1	DP 42/1900	0600/
FEMT O-163		07/15	BRENT BICKLEY	1	DP 42/1900	0600/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Hold containment line; Mop-up to the degree necessary to maintain containment.</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>Backhaul any equipment not needed.</li> <li>Draft only from approved water sources; maps with approved sources available from DIVS.</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	168.1000 N	123.0	170.4500 N	123.0	A
TACTICAL	10	154.2875 N	156.7	154.2875 N	156.7	A
AIR TO GROUND CMD	13	166.9125 N		166.9125 N		A
AIR TO GROUND TAC	14	169.2875 N		169.2875 N		A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DUANE MILLER 			JEFF BUSCHER 		07/04/2016	0856



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
TRAILHEAD			<b>I</b>		<b>Z</b>	
<b>2. Operational Period:</b> 1800-0600 NIGHT						
Date/Time From: 07/04/2016 1800 MON		Date/Time To: 07/05/2016 0600 TUE				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		DUSTAN MUELLER		<b>BRANCH DIRECTOR</b>		
<b>DIVISION/GROUP SUPERVISOR</b>		HEATHER GROVE ISAAC FLATTLEY (T)		<b>AIR OPS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 ARROYO GRANDE C-51		07/13	MIKE HICKEY	19	DP 28 /1900	0600/
HC1 PLUMAS C-50		07/16	MIKE SHERMAN		DP 28 /1900	0600/
HC1 ST 9481G C-10003			JIM RAFFERTY	33	DP 28 /1900	0600/
HC1 9374G C-32		07/12	DAVE LAKDEV	35	DP 28 /1900	0600/
ENG3- S/T 9110C E-19		07/11	TODD PATTEN	16	DP 28 /1900	0600/
ENG3 ST 5780C E-10013		07/14	KYLE HUMPHREY	28	DP 28 /1900	0600/
ENG3 NOD3233 E-10067		07/17	LEIF LARSON	5	DP 28 /1900	0600/
DOZ2 2741				1	DP 28 /1900	0600/
WT1 GOMES E-88		07/13	BILL SILVA	1	DP 28 /1900	0600/
WT2 ANDERSONS E-87					DP 28 /1900	0600/
WT1 TEHAMA E-131		07/13	HEATHER ALEXANDER	1	DP 28 /1900	0600/
TFLD O-93 / O-10099		07/15	URRUTIA / GERAO (T)	1	DP 28 /1900	0600/
FEMP O-20087 / O-20086		07/17	BALBIANI / SCHLICE	1	DP 28 /1900	0600/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Patrol and hold containment line; Be prepared to continue firing to the middle fork of the American River; Reinforce contingency lines.</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>Backhaul any equipment not needed.</li> <li>Draft only from approved water sources; maps with approved sources available from DIVS.</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
TACTICAL	5	168.6000 N	123.0	168.6000 N	123.0	A
AIR TO GROUND CMD	13	166.9125 N		166.9125 N		A
AIR TO GROUND TAC	14	169.2875 N		169.2875 N		A
COMMAND	1	168.1000 N	123.0	170.4500 N	123.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ROBERTA LIM <i>Roberta Lim</i>			JEFF BUSCHER <i>Jeff Buscher</i>		07/04/2016	0856

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
TRAILHEAD			<b>II</b>		<b>A</b>	
<b>2. Operational Period:</b> 1800-0600 NIGHT						
Date/Time From: 07/04/2016 1800 MON		Date/Time To: 07/05/2016 0600 TUE				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		DUSTAN MUELLER		<b>AIR OPERATIONS BRANCH DIRECTOR</b>		DENNIS KUSTER
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENG3 ST 9227C E-161		07/13	ADAM MATTOS	19	ON DIVS/	0600/
ENG3 ST 9246C E-55		07/12	DAVE HOTCHKISS	20	ON DIVS/	0600/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Hold and mop-up as required.</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>• Backhaul any equipment not needed.</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	168.1000 N	123.0	170.4500 N	123.0	A
TACTICAL	6	166.7250 N	123.0	166.7250 N	123.0	A
AIR TO GROUND CMD	13	166.9125 N		166.9125 N		A
AIR TO GROUND TAC	14	169.2875 N		169.2875 N		A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ROBERTA LIM <i>Robert Lim</i>			JEFF BUSCHER <i>Jeff Buscher</i>		07/04/2016	1330

**INCIDENT RISK ANALYSIS TRAILHEAD INCIDENT CA-NEU-15200 (ICS 215A) 1800-0600**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	<b>DANGER TREES</b>	<ul style="list-style-type: none"> <li>Follow "Hazard Tree Safety" guidelines, IRPG pages 22.</li> <li>Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>Establish trigger points for disengagement during high wind events".</li> </ul>
ALL	<b>TRAFFIC &amp; DRIVING</b>	<ul style="list-style-type: none"> <li>Practice "Defensive Driving" techniques.</li> <li>Use spotters when backing.</li> <li>Always use headlights.</li> <li>Use warning lights when working on roads or traveling in smoke.</li> <li>Observe posted speed limits.</li> <li>Watch for logging trucks on Hwy 49 and Wentworth Road.</li> </ul>
ALL	<b>MOP UP</b>	<ul style="list-style-type: none"> <li>Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>Use all required PPE, including eye protection.</li> <li>Maintain proper spacing and overhead clearance.</li> <li>Be alert for stump holes and root cavities.</li> <li>Minimize exposure to smoke, and rotate personnel into clean air when practical.</li> <li>Evaluate unburned islands/increase situational awareness.</li> </ul>
ALL	<b>STEEP TERRAIN &amp; ROLLING DEBRIS</b>	<ul style="list-style-type: none"> <li>Maintain 8'-10' spacing when working &amp; walking.</li> <li>Don't work above any personnel.</li> <li>Evaluate necessity to send personnel in areas with limited access.</li> </ul>
ALL	<b>CHIPPER OPERATIONS</b>	<ul style="list-style-type: none"> <li>Ensure JHA is provided and signed by operators.</li> <li>Only qualified personnel will feed the chipper.</li> <li>Ensure appropriate PPE is used including eye and hearing protection.</li> </ul>
ALL	<b>SPOT FIRES</b>	<ul style="list-style-type: none"> <li>Size up prior to engagement.</li> <li>Watch for multiple spots.</li> <li>Ensure LCES is in place.</li> </ul>
ALL	<b>AIR OPERATIONS</b>	<ul style="list-style-type: none"> <li>Follow " Aviation Watch-Out Situations" on page 44, IRPG.</li> <li>Don't plan on air resources for medical transport or resupply.</li> <li>Refer to page 57, IRPG for directing bucket drops.</li> <li>Ensure positive communication with all air resources.</li> </ul>
ALL	<b>HEAT RELATED ILLNESS (HRI) &amp; DEHYDRATION</b>	<ul style="list-style-type: none"> <li>Drink 2 to 1 water to sports drinks.</li> <li>Take Frequent breaks, minimum of 10 minutes every hour.</li> <li>Recognize symptoms of HEAT RELATED ILLNESS which include Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating</li> </ul>
DIV Z	<b>FIRING OPERATIONS</b>	<ul style="list-style-type: none"> <li>A written guideline shall be prepared and approved for major burn plans.</li> <li>Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>Qualified personnel for all assignments. Trainees to have qualified trainers.</li> <li>Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan.</li> <li>Establish LCES prior to implementing burning operations (IRPG p. 7).</li> </ul>
ALL	<b>HEAVY EQUIPMENT OPERATIONS</b>	<ul style="list-style-type: none"> <li>Ensure communications are established with operators.</li> <li>Use hand signals if other communications are unavailable.</li> <li>Maintain a 50'-100' exclusion area around equipment.</li> <li>Use a spotter when backing.</li> </ul>
Div Z	<b>INDIRECT LINE CONSTRUCTION</b>	<ul style="list-style-type: none"> <li>Establish and maintain LCES.</li> <li>Locate line in favorable location, lighter fuels and gentler topography.</li> <li>If possible burn out or backfire as line construction progresses.</li> </ul>
ALL	<b>MINE SHAFTS, &amp; ADITS,</b>	<ul style="list-style-type: none"> <li>Be alert for mine shafts, adits, etc. They may not be identified on maps.</li> <li>If found, flag area, notify all line personnel, DIVS, OPSC, &amp; SOFR, keep personnel out of area.</li> </ul>
DIV T, P, X	<b>HIGH VOLTAGE POWER LINES</b>	<ul style="list-style-type: none"> <li>Smoke can conduct electricity; stay 150' clear of lines / towers in heavy smoke.</li> <li>Do not operate heavy equipment under power lines.</li> <li>Do not park under power lines.</li> <li>Watch for fallen power lines, stay 200' away, notify your supervisor</li> <li>Follow power line safety guide in the IRPG page 24</li> </ul>
INCIDENT NAME: <b>Trailhead</b>  ICS 215a		DATE PREPARED: <p align="center"><b>July 4, 2016</b></p> TIME PREPARED: <b>1000 HOURS</b>
		OPERATIONAL PERIOD <b>Night Shift 07/04-05/16</b> <b>1800-0600</b> Prepared by S .Davis ,J. Washington (T)

Lookouts  
Communications  
Escape Routes  
Safety Zones

**Trailhead Incident**  
Operation Period: 07/04-5/2016 1800-0600

## **SAFETY MESSAGE**

### **Mop Up is Hazardous Work!**

- Injury and accidents are common during the mop up phase.
- Gather situational awareness in your work area and communicate it.
- Reduce risk by identifying and mitigating hazards.
- Stay focused on task, don't let the routine nature of the assignment allow your mind to wander resulting in a loss of situational awareness.
- Take frequent breaks, stay hydrated, and manage fatigue.

#### ***MAJOR HAZARDS AND RISKS***

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION STUMP HOLES	HEAVY EQUIPMENT HAZARD TREES COMPLACENCY
--	--	--

***Be sure all elements of your safety plan are in place prior to engagement***

### **Complacency**

Don't let boredom lead to complacency.

Remain focused on the task at hand and alert at all times for changing conditions.

It is easy to fall into a routine and lose sight of all that is around us.

### **Planning for Medical Emergencies**

Ask and be able to answer these 3 questions

1. What are we going to do if someone gets hurt?
2. How will we get them out of here?
3. How long will it take to get them to a hospital?

All operational activities should be based on answers to these questions. See page 2 of the IRPG for more information.

<b>MEDICAL PLAN</b>	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD				
	<b>Trailhead Fire</b>	<b>07/04/2016</b>	<b>1000</b>	<b>1800 to 0600 7/04 to 7/5, 2016</b>				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS	LOCATION			PARAMEDICS				
				YES	NO			
Medical Unit	ICP			XX				
Frontline Medical	ICP			XX				
FEMP Estrada and FEMT Shepherd	Division "L/P"			XX				
FEMT Bickley and FEMP Oberg	Division "T/X"			XX				
FEMP Balbiani and FEMT Schlice	Division "Z"			XX				
REM Team 1	Available at ICP-call into Trailhead communications			XX				
6. TRANSPORTATION								
A. AIR RESOURCES								
NAME	LOCATION	PHONE	PARAMEDICS					
			YES	NO				
CalStar Air Ambulance (Day/Night)	Auburn, Ca.	Comms Unit	XX					
REACH Air Ambulance (Day/Night)	Lincoln, Ca.	Comms Unit	XX					
C.H.P. (hoist capable 165 feet, Day/Night Only)	Auburn, Ca.	Comms Unit	XX					
B. INCIDENT AMBULANCES								
NAME	LOCATION	PARAMEDICS						
		YES	NO					
El Dorado County 249 Branch I	I.C.P.	XX						
A.M.R. Branch II	Spike Camp	XX						
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Sutter Auburn Faith Hospital	11815 Education Street Auburn, Ca.	10 minutes	50 minutes	530-888-4562	XX			XX
Marshall Medical Center	1100 Marshall Way Placerville, Ca	10 minutes	40 minutes	530-626-2717	XX			XX
Sutter Roseville Medical Center Level 2 Trauma Center N 38 45.58 W 121 14.52	1 Medical Plaza Dr. Roseville, Ca.	20 minutes	1.5 hours	916-781-1811	XX			XX
U.C. Davis Medic Center Level 1 Trauma Center N 38 33.17 W 121 27.05	2015 Stockton Ave. Sacramento, Ca.	25 minutes	1 hour 45 minutes	916-734-3790 ER 916-734-3636 BU	XX		XX	
8. MEDICAL EMERGENCY PROCEDURES								
IN-CAMP CARE				LINE EMERGENCIES				
<ul style="list-style-type: none"> <li>Minor Injuries or illnesses <ul style="list-style-type: none"> <li>Seek Aid directly at the Frontline Medical Unit, report all injuries or illnesses to supervisor</li> <li>Unit Open 0600 hrs to 2200 hrs</li> </ul> </li> <li>Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> <li>Contact Communications directly</li> <li>Med Unit staffed after hours for Emergencies</li> </ul> </li> </ul>				<ul style="list-style-type: none"> <li><u>Start of shift:</u> notify your Div Sup of EMT's/Paramedic's and Medical gear carried by crew</li> <li>Crew Supervisor contacts Division with Nature of Emergency.</li> <li>Division Supervisor contact's Communications and declare a medical emergency on command</li> <li>Closest DIVS or designee responds to incident <ul style="list-style-type: none"> <li>Closest SOFR/EMT's respond to assist w/care</li> <li>Use attached Injury or Incident Comm. Protocol</li> <li>If ambulance (ground or air) delayed designate rendezvous site and move towards it</li> </ul> </li> <li>Secure scene for investigation—keep a log</li> </ul>				
ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Patrick Young MEDL			10. REVIEWED BY (SAFETY OFFICER) Steve Davis SOF-2				

# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:		Date/Time From:		Date/Time To:	
TRAILHEAD		Date: 07/04/2016 Time: 0856		1800-0600 NIGHT		07/04/2016 1800		07/05/2016 0600	
						MON		TUE	

4. Basic Radio Channel Use:										
Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, or M)	Remarks
	1	COMMAND	NIFC C2	ALL DIVS	168.1000 N	123.0	170.4500 N	123.0	A	Tone 2
	2	COMMAND	NIFC C9	ALL DIVS	170.0125 N	123.0	165.2500 N	123.0	A	Tone 2
	3	COMMAND	CDF C7	ALT CMD	151.4600 N	103.5	159.3900 N	103.5	A	Tone 8
	4	TACTICAL	NIFC T1	FORESTHILL CON	168.0500 N	123.0	168.0500 N	123.0	A	Tone 2
	5	TACTICAL	NIFC T3	DIV Z	168.6000 N	123.0	168.6000 N	123.0	A	Tone 2
	6	TACTICAL	NIFC T5	DIV A	166.7250 N	123.0	166.7250 N	123.0	A	Tone 2
	7	TACTICAL	NIFC T6	MILL STAGING	166.7750 N	123.0	166.7750 N	123.0	A	Tone 2
	8	TACTICAL	NIFC T7	UNASSIGNED	168.2500 N	123.0	168.2500 N	123.0	A	Tone 2
	9	TACTICAL	VFIRE 24	UNASSIGNED	154.2725 N	156.7	154.2725 N	156.7	A	Tone 6
	10	TACTICAL	VFIRE 25	DIV T / X	154.2875 N	156.7	154.2875 N	156.7	A	Tone 6
	11	TACTICAL	VFIRE 26	UNASSIGNED	154.3025 N	156.7	154.3025 N	156.7	A	Tone 6
	12	TACTICAL	R5 T4	DIV L / P	166.5500 N	123.0	166.5500 N	123.0	A	Tone 2
	13	AIR TO GROUND	A/G CMD	ALL DIVS	166.9125 N		166.9125 N		A	
	14	AIR TO GROUND	A/G TAC	ALL DIVS	169.2875 N		169.2875 N		A	
	15	TACTICAL	CALCORD	ALL DIVS	156.0750 N	156.7	156.0750 N	156.7	A	Tone 6
	16	AIR GUARD	GUARD	ALL DIVS	168.6250 N		168.6250 N	110.9	A	Tone 1

5. Special Instructions:

6. Prepared By:	(Communications Unit Leader)	Name: D STONER
ICS 205	IAP Page	Date/Time: 07/04/2016 0856

Signature:

# READ/REAF

## FLAGGING

**Pink/Black Checkered = Protection**

Try to avoid impact to these sensitive resources

**Lime Green = Hazards**

Use Caution Mine Shafts and Other Hazards

Please contact Jon Jue or Jen House with any  
READ/REAF questions

Room 102

Jon Jue – 916-539-8999

Jen House – 530-503-7029

# Incident Training Program

## Trainee/ Mentor Activities

The following contains information for trainees and trainer/ evaluators regarding the Incident Training Program. The information is intended to assist you in planning your incident activities.

1. Trainee and Mentor/ Evaluator register with the Training Specialist (TNSP)
2. It is only necessary to follow up with the TNSP during your assignment if you have any significant issues... ie: Changes in assignment/trainer, problems with the assignment etc.
3. The trainer and evaluator must “close-out” with the TNSP prior to DEMOB. The close out process involves:
  - The Trainer completing an Individual Performance Evaluation (ICS 225 or 226)
  - The Trainee will complete an Exit Interview form. Forms are available at the TNSP desk.
  - The evaluator should have all work completed in the position task book at the time the training assignment close-out including a recommendation as to the outcome of the assignment, ie; recommend certification, needs more assignments.
4. If you reach a point that as much work has been done in the position task book as possible, on this incident, you may perform the close-out process with the TNSP saving you time and a potential wait in line at time of DEMOB.
5. Pay close attention to TNSP IAP messages and briefing announcements concerning time lines and issues regarding the Incident Training Program.

**If you haven't already registered your Training Assignment with the TNSP, please do so ASAP. The TNSP is located at ICP Across From the OES AREP Office.**



## Incident Trainee/Trainer Data Form

Complete and drop off with the Training Specialist for entry into database before end of assignment.  
Remember to close out all training packages with the Training Specialist prior to going through DEMOB.

### A. Trainee Data

Trainee Name: \_\_\_\_\_ ICS Trainee Position: \_\_\_\_\_

Federal Regional Priority Trainee? Y N

Request # (A, C, E or O): \_\_\_\_\_ Agency Designator (Example: CA-KNF): \_\_\_\_\_

Agency: \_\_\_\_\_ Crew/Module Name: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Fire Name: \_\_\_\_\_ Date Assigned: \_\_\_\_\_

### **Person and location your training package should be mailed to: (Chief, Training Officer, etc.):**

Name: \_\_\_\_\_ Title: \_\_\_\_\_ Home Unit: \_\_\_\_\_

Agency Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

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### B. Trainee Prerequisites

1. Valid Red Card or agency certification card? \_\_\_\_\_ Yes \_\_\_\_\_ No

2. Trainee has current position task book issued by home unit? \_\_\_\_\_ Yes \_\_\_\_\_ No

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### C. Trainer/Evaluator Data Trainer / Evaluator Name: \_\_\_\_\_

ICS position on fire: \_\_\_\_\_ Home Unit: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Cell / Contact While on Incident: \_\_\_\_\_

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### D. Trainee Goals - (3 tasks or objectives you would like to address).

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_



HARKNESS STREET

EXIT

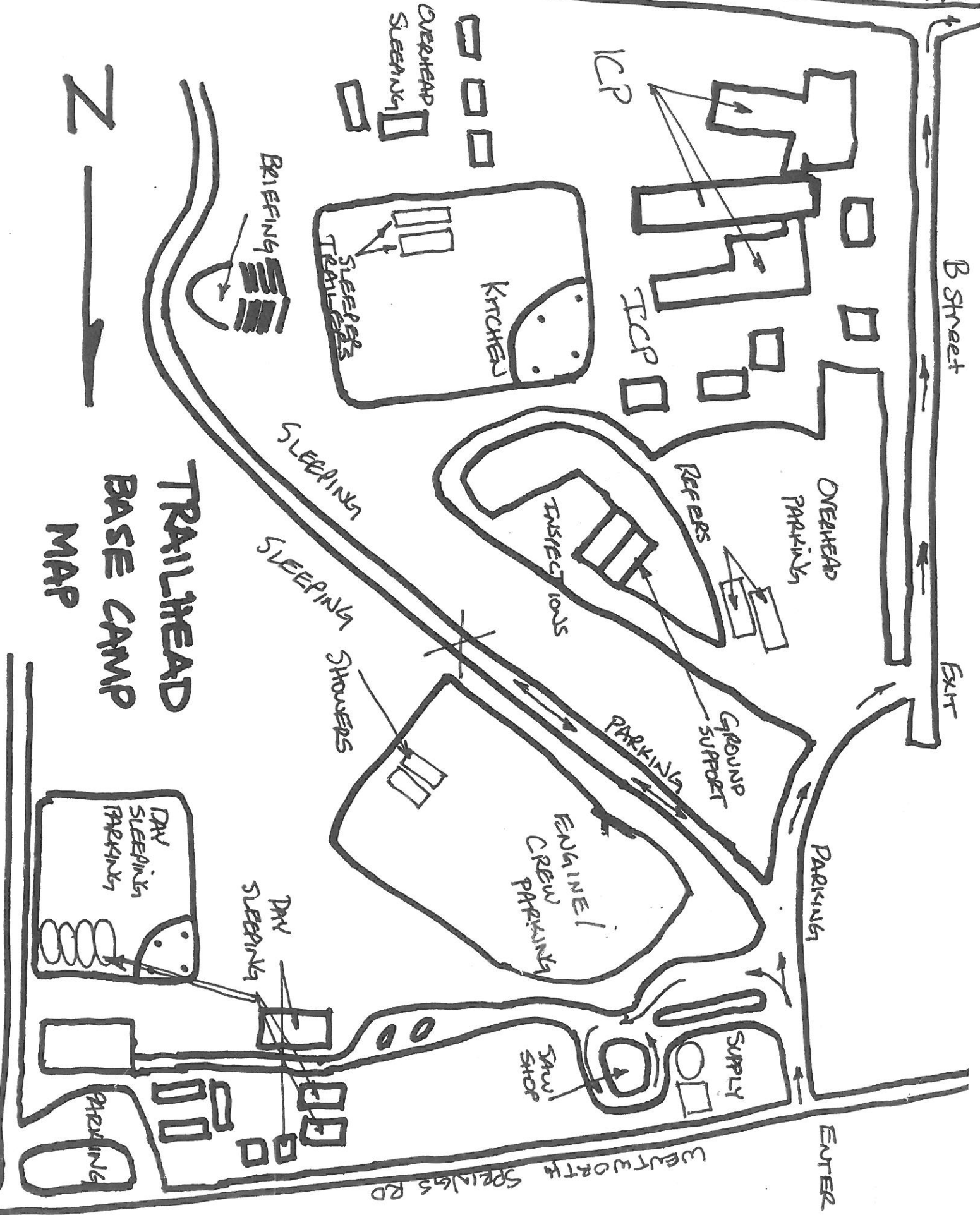
B Street

EXIT

ENTER

WESTWORTH SPEAR'S RD

FATH LANE



**TRAILHEAD**  
**BASE CAMP**  
**MAP**

# NorCal 2 Division Fireline Order Form

Date & Time Order was placed	Order # (DIVS + #)	MODE OF DELIVERY	LOCATION OF Delivery
Current Date and Time:		GROUND SUPPORT	DIV, DP, LZ Lat Long
DATE NEEDED:		PICK UP IN SUPPLY	
TIME NEEDED:		HELO	

Order received in COMMUNICATIONS by:	Name:	Time:
Order Received in SUPPLY by:	Name:	Time:
Order shipped by Transportation or PU in Supply:	Name:	Time:

PLEASE ORDER BY ITEM NUMBER

<b>#</b>	<b>Item 1 - IS the following: (i.e. if you need 3000' of hose &amp; appliances, = 3 Hose Kit A's" or 3 item # 1's</b>			
1	'1,000 Foot Hose Lay' and includes:			
	10ro 1½" Hose; 10ro 1" Hose; 10ea 1½" Gated Wyes; 10ea 1½" to 1" reducers; 10ea 1" nozzles			
<b>#</b>	<b>Item</b>	<b>Amount</b>	<b>#</b>	<b>Item</b>
1	Hose Kit A			
2	Hose (100'), 1½"		28	Fuses (Boxes or Cases?)
3	Hose (100'), 1"		29	Batteries "AA" PKGs (24/PKG)/BX
4	Hose (50') garden, ¾"		30	Ribbon, Flagging (Specify Color)
5	Nozzle, KK Type, 1½"		31	Shovel
6	Nozzle, KK Type, 1"		32	Pulaski
7	Nozzle, Forester, 1"		33	Combi Tool
8	Nozzle, Garden, ¾"		34	McCloud
9	Wye, Gated, 1½"		35	Washcloth, waterless, cleansing
10	Wye, Gated, 1"		36	Sprinkler Kit
11	Wye, Gated, ¾"		37	Mop-Up Kit, 3-Wand
12	Inline-Tee, (1½" x 1")		38	Chainsaw Kit / {accountability #}
13	Reducer, 1½"x 1"		39	Water, Cubies
14	Reducer, 1"x ¾"		40	Water, Bottled, Cases
15	Shut Off ¾"		41	Gatorade, Cases
16	Foam 5 gal		42	MRE's (12/BX)
17	Backpack Pump			ANYTHING NOT LISTED ABOVE:
18	Pumpkin 1500 / 3000 / 6000 gal order size			
19	Folding-Tank 1000 / 1500 gal order size			
	<b><u>PUMP KITS</u></b>			
20	Lightweight / {accountability #}			
21	Mark III / {accountability #}			
22	Fuel Unleaded (5 Gal cans)			ACCOUNTABILITY PROPERTY #'S HERE:
23	Fuel Drip Torch (5 gal cans)			
24	Fuel Diesel (5 gal cans)			
25	2 Cycle oil (Pints)			
26	Bar Oil (Qts)			
27	Drip Torch (ea)			

SPECIAL NOTES:



FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use items one through nine to communicate situation to communications/dispatch.

**1. CONTACT COMMUNICATIONS/DISPATCH**

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)

**2. INCIDENT STATUS:** Provide incident summary and command structure.

Nature of Injury/Illness		Describe the injury (Ex: Broken leg with bleeding)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
Incident Commander		Name of IC
Patient Care		Name of Care Provider (Ex: EMT Smith)

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:	Weight:
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: What caused the injury?			
Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'			

**4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY**

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> <b>URGENT-RED</b> Life threatening injury or illness. Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented.	Ambulance or MEDEVAC helicopter. Evacuation need is <b>IMMEDIATE</b> .
<input type="checkbox"/> <b>PRIORITY-YELLOW</b> Serious Injury or illness. Ex: Significant trauma, not able to walk, 2° - 3° burns not more than 1-2 palm sizes.	Ambulance or consider air transport if at remote location. Evacuation may be <b>DELAYED</b> .
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered <b>Routine of Convenience.</b>

**5. TRANSPORT PLAN:**

**Air Transport:** (Agency Aircraft Preferred)

<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
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**Ground Transport:**

<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other
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**6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:**

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

**8. EVACUATION LOCATION:**

Lat/Long (Datum WGS84) EX: N 40 42.45' x W 123 03.24'	
Patient's ETA to Evacuation Location:	
Helispot/Extraction Size and Hazards:	

**9. CONTINGENCY:**