

Incident Action Plan

Trailhead Fire

CA-NEU 015200

PNKQC6



DAY SHIFT

07/06/16

0600-1800


FIRE INFORMATION PHONE # 530-303-7006

Wednesday

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:	2. Operational Period: DAY	
TRAILHEAD	Date/Time From: 07/06/2016 0600 WED	Date/Time To: 07/06/2016 1800 WED
3. Objective(s):		
Management Objectives:		
<ul style="list-style-type: none"> • Ensure that strategies and tactics provide for firefighter safety through the application of sound risk management principles. • Conduct all suppression repair work in close coordination with assigned READ's and cooperators in compliance with approved Fire Suppression Repair Plan. • Provide necessary support to ensure a smooth transition back to the local unit. 		
4. Operational Period Command Emphasis:		
Control Objectives:		
<ul style="list-style-type: none"> • Maintain existing containment lines and strengthen to the degree necessary. • Implement approved components of the Fire Suppression Repair Plan. 		
General Situational Awareness:		
<ul style="list-style-type: none"> • See attached weather forecast. • See attached safety message. 		
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Approved Site Safety Plan(s) Located at:		
6. Incident Action Plan (the items checked below are included in this Incident Action Plan):		
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	Other Attachments: <input checked="" type="checkbox"/> 215A <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
7. Prepared by: JEFF BUSCHER	Position/Title: PSC2	Signature:
8. Approved by Incident Commander:		Signature:
Name: JOE MOLITOR		Date/Time:
ICS 202	IAP Page	

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: DAY	
TRAILHEAD		Date/Time From: 07/06/2016 0600	Date/Time To: 07/06/2016 1800
		WED	WED
3. Incident Commander(s) and Command Staff:			
		CHIEF	JACK COSTELLO / DUSTIN MARTIN
IC	RICK YOUNG / BRIAN ESTES / DAREN DALRYMPLE (T)	DEPUTY	AARON LOWE
DEPUTY	JOE MOLHOEK	SUPPLY UNIT	DAVE ALICEA / KEN KUMPE (T)
SAFETY OFFICER	STEVE DAVIS TERRY O'CONNELL / SHELBY CHARLEY	FACILITIES UNIT	RIC CROWTHER ROBIN DAVIS (T)
INFORMATION OFFICER	ADRIENNE FREEMAN / COREY WILFORD	GROUND SUPPORT UNIT	JOHN FELL / HARRY ZABEL
LIAISON OFFICER	TIM FIKE	COMMUNICATIONS UNIT	DON STONER
		MEDICAL UNIT	PATRICK YOUNG RICH LUCIUS (T)
		FOOD UNIT	BECKY BAKER KEVIN BROWNING
4. Agency/Organization Representative(s):			
Agency/Organization	Name		
AGENCY ADMIN	LAURENCE CRABTREE / MIKE KASLIN / GEORGE MORRIS III		
AGENCY ADMIN REP	PATRICIA TRIMBLE		
LEAD RESOURCE ADVISOR	JON JUE JENNIFER HOUSE		
CAL OES	GARY HUMPHREY R4		
LINE OFFICER AEU	BRIAN ESTES		
LINE OFFICER NEU			
CDCR AGENCY REP	LT MIKE HILL 209 639 8627		
EL DORADO CNTY LAW BRANCH	TODD CRAWFORD		
5. Planning Section:			
CHIEF	JEFF BUSCHER JOHN OWEN (T)		
DEPUTY	PATRICK FARRELL		
RESOURCES UNIT	DUANE MILLER / ROBERTA LIM / MICHAEL DUNKEL (T)		
SITUATION UNIT	MATT BROWN KEITH FLOOD / JOHN MOHFF (T)		
DEMOBILIZATION UNIT	DAN BAGGAO		
DOCUMENTATION UNIT	JEFF DEARDORFF		
FIRE BEHAVIOR ANALYST	KEN LARSON TERESA RIESENHUBER (T)		
TRAINING SPECIALIST	BRAD SMITH		
GIS SPECIALIST	MARK GRUPE / MELANIE KERR STEVE WALTERSHIED (T)		
COMPUTER SPECIALIST	SHANE NEAL ZACH SOHL		
INCIDENT METEOROLOGIST	MIKE SMITH		
STATUS CHECK-IN	JORDAN WEBER / EAMON ENGBER (T)		
6. Logistics Section:			
9. Prepared By: Name: DUANE MILLER		Position/Title: RESL	
Signature:			
ICS 203	IAP Page	Date/Time: 07/05/2016 1556	

FIRE BEHAVIOR FORECAST



FORECAST NUMBER: 13	TYPE OF FIRE: Wildland Fire
FIRE NAME: Trailhead Fire	OPERATIONAL PERIOD: July 6, 2016 0600 – 1800 Day Shift
DATE ISSUED: July 5, 2016	TIME ISSUED: 1945
UNIT: Eldorado NF, Georgetown R.D. & NEU (CalFire)	SIGNED: <i>Isl Teresa Riesenhuber</i> , FBAN-T

INPUTS

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

Discussion: Continued dry, stable and near season normal temperatures and RH to the fire area. Upper level winds will be a little higher today but the lower elevations will see minimal impact from them.

Weather: Mostly sunny skies with smoke clearing after about 1000. **Temp:** 83-89° **RH:** 22-28%

Winds (eye level): After 1000 hrs upslope/upcanyon 0-2 mph gusts to 4 mph
Ridgetops after 1000 hrs SW-W 1-3 mph gusts to 7 mph

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

FIRE BEHAVIOR

GENERAL

Division Z will continue to have the most fire activity as the fire continues to back and flank downslope toward the American River. Division A should continue to be on alert for possible spot fires across the American River producing upslope runs and rapid rates of fire spread. Long range spotting is not anticipated. The rest of the burned area is in mop up stages. Interior pockets are continuing to burn down.

Rate of Spread (Head Fire) Open Timber: 1-3 ch/hr Closed Timber w/ Understory: 5-15 ch/hr Brush: 15-45 ch/hr

Flame lengths (Head Fire) Open Timber: 1-2 feet Closed Timber w/ Understory: 5-9 feet Brush: 6-15 feet

Backing Fire In all Fuels Rate of Spread 1-2 ch/hr Flame Lengths 1-4 feet

POI: 80% **Spotting Potential:** less than 1/4 mile

Local Fire Danger: ENF *Actual* 7/5 ERC = 75 BI = 55

SPECIFIC FIRE BEHAVIOR

Branch I & II: Firelines are holding well in all Divisions. As you engage in mop-up watch for snags, fire weakened trees, stump holes, unidentified mine shafts, and dirty burn areas that have re-burn potential.

Division Z: The most fire activity continues to be in Division Z. The fire will continue to back downslope to the river throughout the day. Bends in the river and terrain could cause changes in wind direction and speed with a potential for the fire to cross the American River to the north into Division A. Rollout within Division Z may result in short duration upslope pulses of torching trees.

Division A: An area of concern remains in the south portion of Division A. Worst case scenario would be if the main fire were to spot across the American River. Expect rapid rates of spread (30-45 ch/h) upslope toward contingency lines with flame lengths 10-15 feet and spot fires out ahead of the head.

AIR OPERATIONS

Stable conditions will keep smoke lagging in the fire area. Anticipate reduced visibility in the drainages into mid-morning hours when the inversion lifts about 1000 hrs.

Sunrise: 05:45 Sunset: 22:32

SAFETY

Unidentified or unknown mine shafts are a hazard for mop-up activities. Be on the lookout for unusual smoke colors and stay away. Unknown burning materials from gold mining operations could cause respiratory and other physical ailments. Report unusual or suspicious areas to your supervisor.

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
TRAILHEAD			Branch:		Division/Group: A	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		MIKE CRANDALL		AIR OPS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 ST9225G C-6		07/11	CHARLIE HARRISON	35	DIVS ASSIGNED/0700	1800/
HC1 WAR 4 C-2		07/11	JOHN JESSEN	14	DIVS ASSIGNED/0700	1800/
HC1 WAR 3 C-1		07/11	RANDY NORTHUP	14	DIVS ASSIGNED/0700	1800/
HC1 WAR 5 C-3		07/11	DAVE HURD	15	DIVS ASSIGNED/0700	1800/
ENG3 ST9243C E-160		07/13	KENNY LOWE / BRIAN CRAWFORD (T)	20	DIVS ASSIGNED/0700	1800/
ENG3 2369 E-6		07/11	TRACY SHAW	3	DIVS ASSIGNED/0700	1800/
ENG3 2361 E-7		07/11	BEN BIXLER	5	DIVS ASSIGNED/0700	1800/
ENG3 2371 E-4		07/11	SEAN RYAN	3	DIVS ASSIGNED/0700	1800/
ENG3 2389 E-12		07/11	CLINTON SIEBERT	3	DIVS ASSIGNED/0700	1800/
ENG3 2378 E-11		07/11	TRAVIS BENSON	4	DIVS ASSIGNED/0700	1800/
STEN E-7.5		07/11	CHRISTOPHER PAYETTE	1	DIVS ASSIGNED/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Hold and improve containment lines; mop-up as appropriate to required standard. 						
7. Special Instructions:						
<ul style="list-style-type: none"> • Backhaul any trash and equipment not needed. • Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ROBERTA LIM <i>Dr</i>			PATRICK FARRELL PSC 2		07/05/2016	1554

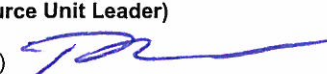

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.			
TRAILHEAD				Branch:		Division/Group: L	
2. Operational Period: DAY							
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED					
4. Operations Personnel							
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR			
DIVISION/GROUP SUPERVISOR		MARK JOHNSON SCOTT BURGHEARDT (T)		AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON	
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator			LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 MENDOCINO IHC C-20			07/13	CHRIS MARKEY	19	DP62/0700	/1800
HC1 IRON MTN. C-12			07/11	SCOTT KIZZIAR	9	DP62/0700	/1800
HC1 TAHOE C-8			07/11	ERIC RICE	20	DP62/0700	/1800
HC2IA MIDDLE FORK C-48			07/15	NICK BEDDOW	22	DP62/0700	/1800
ENG3 SHF371 E-10066			07/12	KEVIN MOGLIA	5	DP62/0700	/1800
ENG3 ENF334 E-31			07/11	STEVEN CLIFFORD	5	DP62/0700	/1800
WT1 DUBE E-132			07/13	JEFF SHERICK	1	DP62/0700	/1800
WT2 DUBE E-133			07/13	CODY	1	DP62/0700	/1800
REM O-10006			07/14	CHRIS SCHWEGLER	2	DP62/0700	/1800
FEMT O-161			07/14	STEVEN ELLISON	1	DP62/0700	/1800
FEMP O-157			07/14	JESSICA FLESHMAN	1	DP62/0700	/1800
6. Control Operations/Work Assignments:							
<ul style="list-style-type: none"> • Hold containment line; mop-up to the degree necessary to maintain containment; identify and document accountable property. 							
7. Special Instructions:							
<ul style="list-style-type: none"> • Backhaul any trash and equipment not needed. • Draft only from approved water sources; maps with approved sources available from DIVS. • • 							
8. Division/Group Communication Summary							
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	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)			Date	Time
MICHAEL DUNKEL (T) <i>DM</i>			PATRICK FARRELL			07/05/2016	1554

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.			
TRAILHEAD				Branch:		Division/Group: P	
2. Operational Period: DAY							
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED					
4. Operations Personnel							
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR			
DIVISION/GROUP SUPERVISOR		RAY TORRES / MARTIN SENTER (T)		AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON	
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC2IA GRAND RONDE C-22		07/06	JIM PINDER	20	DP 61/0700	1800/	
ENG3 ST9420C E-181		07/12	TROY CHEEK	19	DP 61/0700	1800/	
WT1T 62 E-40		07/11	WESTWOOD	1	DP 61/0700	1800/	
WT2S NORM PAUL E-124		07/14	TERRY MANZER	1	DP 61/0700	1800/	
SOFR O-10112		07/09	DONALD FOCO	1	DP 61/0700	1800/	
ARCH O-10055		07/12	CHARLES HUTCHESON	1	DP 61/0700	1800/	
6. Control Operations/Work Assignments:							
<ul style="list-style-type: none"> • Hold containment line; mop-up to the degree necessary to maintain containment. 							
7. Special Instructions:							
<ul style="list-style-type: none"> • Backhaul any trash and equipment not needed. • Draft only from approved water sources; maps with approved sources available from DIVS. 							
8. Division/Group Communication Summary							
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	9	154.2725 N	156.7	154.2725 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	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)			Date	Time
DUANE MILLER			PATRICK FARRELL PSC2			07/06/2016	0741

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
TRAILHEAD			Branch:		Division/Group: T	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		DIVISION/GROUP SUPERVISOR		BILLY COVERT WILLIE ALMAND (T)
AIR OPS BRANCH DIRECTOR		STACI DICKSON				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2I ENA CREW 1 C-24		07/09	ROBERT HEADLEY	23	DP 42/0700	1800/
HC2 OC22 C-54		07/09	JEREMY VANCE	22	DP 42/0700	1800/
ENG3 ST3675C E-10010		07/14	KERRI GILLILAND	27	DP 42/0700	1800/
ENG3 541 E-10069		07/14	JIM LAVERY	3	DP 42/0700	1800/
ENG3- 61 E-35		07/11	GREG BUEGHLY	3	DP 42/0700	1800/
ENG3 ENF 333 E-30		07/11	RYAN STYPA	5	DP 42/0700	1800/
WT 51 E-39		07/12	KEVIN MOORE	1	DP 42/0700	1800/
WT2 E-94		07/13	RON BELION	1	DP 42/0700	1800/
SOF2 O-105		07/15	GRANT INGRAM	1	DP 42/0700	1800/
FEMP O-20084		07/15	JAMIE SMART	1	DP 42/0700	1800/
FEMT O-162		07/13	MIGUEL C ALTAMIRANO	1	DP 42/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> Hold containment line; mop up to the degree necessary to maintain containment. 						
7. Special Instructions:						
<ul style="list-style-type: none"> Backhaul any trash and equipment not needed. Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
MICHAEL DUNKEL (T) <i>DM</i> 			PATRICK FARRELL  PSC2		07/05/2016	1554



Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.		
TRAILHEAD				Branch:	Division/Group: X	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		BERNIE SPIELMAN		AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC2IA - LOST RIVER C-9	07/12	AARON VASILIS	20	DP 33/0700	1800/	
ENG3- 3660C E-10014	07/14	WALT MENDOZA	27	DP 33/0700	1800/	
WT1 FLOODGATE E-135	07/13	MIKE WILDS	2	DP 33/0700	1800/	
WT1 MARYMEE E-130	07/14	PATTY MARRYME	1	DP 33/0700	1800/	
SOF2 O-10027	07/15	CHUCK FRANK	1	DP 33/0700	1800/	
FEMP O-160	07/14	JAMES SAUTER	1	DP 33/0700	1800/	
FEMT O-164	07/15	DAVID MAZAIKA	1	DP 33/0700	1800/	
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> Hold containment line; mop-up to the degree necessary to maintain containment. 						
7. Special Instructions:						
<ul style="list-style-type: none"> Backhaul any trash and equipment not needed. Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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	11	154.3025 N	156.7	154.3025 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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DU ROBERTA LIM			PATRICK FARRELL		07/05/2016	1554

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
TRAILHEAD			Branch:		Division/Group: Z	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		GREG JEWERS		AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 MODOC IHC C-45		07/14	JASON OSTEEEN	20	DP 28/0700	1800/
HC1 TALLAC IHC C-43		07/09	KYLE BETTY	20	DP 28/0700	1800/
HC1 EL DORADO C-33		07/12	AARON HUMPHREY	20	DP 28/0700	1800/
HC2I FIRESTORM 15C C-10		07/13	DUANE FIELDS	20	DP 28/0700	1800/
HC2I SALLYER C-35		07/13	GREGORY TENNYSON	20	DP 28/0700	1800/
ENG3 ST3646C E-10077		07/08	ANTHONY ARENDT	27	DP 28/0700	1800/
WT2 NORM PAUL E-10020		07/14	JOHN RUSSELL	1	DP 28/0700	1800/
WT2 NORM PAUL E-10022		07/14	KEN MYERS	1	DP 28/0700	1800/
WT2 WATERBOYS E-10018		07/14	LEE SCOGGINS	1	DP 28/0700	1800/
REM O-10005		07/13	CHRIS AIELLO	2	DP 28/0700	1800/
SOF2 O-20114		07/09	TIM BENEICT	1	DP 28/0700	1800/
SOFR (T) O- 10030		07/14	ZACH FREIWALD	1	DP 28/0700	1800/
FEMP O-10022 / O-10023		07/15	CHRIS MICKELSON / ANDREW COLLIER	1	DP 28/0700	1800/
ARCH O-10054		07/12	DORIT BUCKLEY	1	DP 28/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Scout contingency line from the end of Bottle Hill RD. to middle fork American River. 						
7. Special Instructions:						
<ul style="list-style-type: none"> • Backhaul any trash and equipment not needed. • Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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	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
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
DUANE MILLER		PATRICK FARRELL PSC2		07/05/2016	1554	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.			
TRAILHEAD				Branch:		Division/Group: REPAIR EAST 1 OF 3	
2. Operational Period: DAY							
Date/Time From: 07/06/2016 0600		WED		Date/Time To: 07/06/2016 1800		WED	
4. Operations Personnel							
OPERATIONS CHIEF		ERIC PETTERSON			BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		STEVE RAYMER MATT BROWN (T)			AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator		LWD	Leader		Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC 2IA UMPQUA 2 C-46		07/14	KEN POWELL		21	DP 61/0700	1800/
HC2 GFP10B C-23		07/09	MIKE DENNING		20	DP 61/0700	1800/
DOZ2 ENF E-157		07/12	DAN LANGENDERFER		3	DP 61/0700	1800/
DOZ2 FIRELINE DOZERS INC. E-143		07/13	GEORGE POE		2	DP 61/0700	1800/
DOZ2 RIDGE E-44		07/12			1	DP 61/0700	1800/
DOZ2 TRAVIS O'FFERALL TRUCKING E-71		07/13	TRAVIS O'FERRALL		2	DP 61/0700	1800/
EXC2 VOLCANO CREEK ENTERPRISES E-10061		07/16	KEVIN HAYCRAFT		2	DP 61/0700	1800/
CHIP2 GODON E-10057		07/15	ROCKY THOMPSON		2	DP 61/0700	1800/
CHIP2 ZEB'S TREE SERVICE, LLC E-10060		07/17	KYLE ARMIJO		2	DP 61/0700	1800/
6. Control Operations/Work Assignments:							
<ul style="list-style-type: none"> Repair dozer / hand lines to the specifications in the attached repair standards. 							
7. Special Instructions:							
<ul style="list-style-type: none"> Backhaul any trash and equipment not needed. Draft only from approved water sources; maps with approved sources available from DIVS. 							
8. Division/Group Communication Summary							
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	8	168.2500 N	123.0	168.2500 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	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)			Date	Time
DUANE MILLER 			PATRICK FARRELL 			07/05/2016	1554

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.		
TRAILHEAD				Branch:	Division/Group: REPAIR EAST 2 OF 3	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		STEVE RAYMER MATT BROWN (T)		AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HEQB O-10014		07/16	MATTHEW JAMES	1	DP 61/0700	1800/
HEQB O-78		07/12	JOHN L WARD	1	DP 61/0700	1800/
HEQB O-10070		07/16	LARRY PETERSEN	1	DP 61/0700	1800/
HEQB(T) O-136		07/16	DOUG LINGEN	1	DP 61/0700	1800/
HEQB O-10009		07/16	RICKY SNODGRASS	1	DP 61/0700	1800/
HEQB O-10016		07/17	STEVE THIME	1	DP 61/0700	1800/
HEQB O-10013		07/16	CRAIG STREET	1	DP 61/0700	1800/
HEQB O-10017		07/16	ISAIAH SALSKY	1	DP 61/0700	1800/
FOBS O-10015		07/17	CHRIS COLT	1	DP 61/0700	1800/
FOBS O-26		07/15	ORIAN CLEMENS	1	DP 61/0700	1800/
FOBS O-144		07/17	CORDELL TAYLOR	1	DP 61/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> Repair dozer / hand lines to the specifications in the attached repair standards. 						
7. Special Instructions:						
<ul style="list-style-type: none"> Backhaul any trash and equipment not needed. Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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	8	168.2500 N	123.0	168.2500 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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER			PATRICK FARRELL		07/05/2016	2104

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
TRAILHEAD			Branch:		Division/Group: REPAIR EAST 3 OF 3	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		STEVE RAYMER MATT BROWN (T)		AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
FOBS O-24		07/16	JONAH GLADNEY	1	DP 61/0700	1800/
FOBS (T) O-10098		07/17	RODNEY MASON	1	DP 61/0700	1800/
TFLD O-10125		07/14	MICHAEL TYRRELL	1	DP 61/0700	1800/
REAF O-10107		07/13	VINCE PACIFIC	1	DP 61/0700	1800/
REAF			DORIT BUCKLEY	1	DP 61/0700	1800/
READ O-10106		07/13	NICK JARVIS	1	DP 61/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Repair dozer / hand lines to the specifications in the attached repair standards. 						
7. Special Instructions:						
<ul style="list-style-type: none"> • Backhaul any trash and equipment not needed. • Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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	8	168.2500 N	123.0	168.2500 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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER			PATRICK FARRELL		07/05/2016	2116

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.		
TRAILHEAD				Branch:	Division/Group: REPAIR WEST	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		DIVISION/GROUP SUPERVISOR		STEVE DEBENEDET
AIR OPS BRANCH DIRECTOR		STACI DICKSON				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA HEART LAKE C-11		07/12	CYRUS GALVAN	18	DIVS ASSIGN/0700	1800/
HC2IA PAT RICK C-47		07/14	MATT ELLIOT	20	DIVS ASSIGN/0700	1800/
HC2IA GRAY BACK C-25		07/14	GAVIN SAEMAN	20	DIVS ASSIGN/0700	1800/
DOZ2 E-42		07/11	ROGER CLAYTON	2	DIVS ASSIGN/0700	1800/
DOZ2 E-139		07/14	MATT SWANK	2	DIVS ASSIGN/0700	1800/
DOZ2 VOLCANO CREEK E-58		07/12			DIVS ASSIGN/0700	1800/
WT2 FOOTPRINTS E-10079		07/17	ROB NOXON	1	DIVS ASSIGN/0700	1800/
EXCA2 E-10062		07/16	LUKE SPENCE	2	DIVS ASSIGN/0700	1800/
CHIP2 FIRESTORM E-10059		07/16	GIDEON MACOMBER	2	DIVS ASSIGN/0700	1800/
CHIP WELL EQUIP. E-10101		07/18	RON ADKINS		DIVS ASSIGN/0700	1800/
FALM E-10097		07/17	TIM PAFFORD	1	DIVS ASSIGN/0700	1800/
FELB O-10090		07/17	BRIAN NICHOLSON	1	DIVS ASSIGN/0700	1800/
HEQB O-10020		07/17	CORY KLAMUT	1	DIVS ASSIGN/0700	1800/
RESP			DANIEL SOOY / PATRICK MCDANIEL	2	DIVS ASSIGN/0700	1800/
RESP			MATT BOONE / JACK HARVEY	2	DIVS ASSIGN/0700	1800/
REAF O-10008 / REAF O-10007		07/14	CASEY HAGUE / JEREMY STRAIT	1	DIVS ASSIGN/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Repair dozer / hand lines to the specifications in the attached repair standards. 						
7. Special Instructions:						
8. Division/Group Communication Summary						
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	4	168.0500 N	123.0	168.0500 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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ROBERTA LIM <i>RL</i>			PATRICK FARRELL <i>PF</i> PSC2		07/05/2016	1554


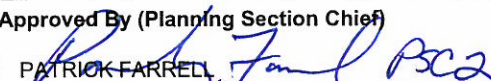
Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
TRAILHEAD			Branch:		Division/Group: SCHOOL STAGING 1 OF 2	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
STAGING AREA MANAGER		RANDY SCHERR		AIR OPS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA BLACKEAGLES C-21		07/13	GUSTAVO GALLEGOS	23	/0700	1800/
ENG3 SHF311 E-10068		07/16	JESSEE NICHOLS	5	/0700	1800/
ENG3 PNF13 E-100064		07/12	STEVE GONZALEZ	5	/0700	1800/
WT2 A & F E-10019		07/14	HOWARD ELLIOT	1	/0700	1800/
FALM O-10014		07/16	LEWIS GODON	2	/0700	1800/
TFLD O-132		07/16	AL MASON	1	/0700	1800/
TFLD (T) O-10088		07/13	ANTHONY SIGONA	1	/0700	1800/
HEQB O-10010		07/15	DAN BONFANTE	1	/0700	1800/
HEQB O-10009		07/14	DOUG FALCONI	1	/0700	1800/
HEQB (T) O-10100		07/16	DENNIS CARPENTER	1	/0700	1800/
SOF1		07/17	JOE BUCHMEIER	1	/0700	1800/
6. Control Operations/Work Assignments:						
7. Special Instructions:						
<ul style="list-style-type: none"> • Backhaul any trash and equipment not needed. • Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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	7	166.7750 N	123.0	166.7750 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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER			PATRICK FARRELL		07/05/2016	1554

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
TRAILHEAD			Branch:		Division/Group: SCHOOL STAGING 2 OF 2	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
STAGING AREA MANAGER		RANDY SCHERR		AIR OPS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
DOZ2 S/T 9145L E-17		07/12	GINO DEGRAFFENREID	6	ICP/0700	/1800
WT2S INDUSTRIAL E-10017		07/14	SCOTT HARVEY	1	ICP/0600	/1800
WT2 49ER E-10016		07/13	SAM PERRY	1	ICP/0600	/1800
WT2 BOWNE E-10015		07/14	MICHAEL BOWNE	1	ICP/0600	/1800
6. Control Operations/Work Assignments:						
7. Special Instructions:						
<ul style="list-style-type: none"> Backhaul any trash and equipment not needed. Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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	7	166.7750 N	123.0	166.7750 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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
DUANE MILLER			PATRICK FARRELL		07/05/2016	1554

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
TRAILHEAD			Branch:		Division/Group: ROAD	
2. Operational Period: DAY						
Date/Time From: 07/06/2016 0600 WED		Date/Time To: 07/06/2016 1800 WED				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		JOHN FELL		AIR OPERATIONS BRANCH DIRECTOR		STACI DICKSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
WT1 AWB E-93		07/12		1	REPORT TO GROUND SUPPORT/	
WT1 SPITFIRE E-89		07/16	JAKE LEWIS	2	REPORT TO GROUND SUPPORT/	
WT1 ESRYS E-96		07/13	JIM ESRY	1	REPORT TO GROUND SUPPORT/	
WT1 INO E-10021		07/16	SCOTT HARVEY	1	REPORT TO GROUND SUPPORT/	
WT2 SPRINGS E-10082		07/17	JERRY GRZYBOWSKI	1	REPORT TO GROUND SUPPORT/	
WT2 WELLS E-10081		07/19	DAN WELLS	1	REPORT TO GROUND SUPPORT/	
WT2 LET-R-BUCK E-10085		07/17	STEVEN LASSEN	1	REPORT TO GROUND SUPPORT/	
WT2 E-10086					REPORT TO GROUND SUPPORT/	
WT2 WATERBOYS E-10080		07/17	GORDEN WINGET	1	REPORT TO GROUND SUPPORT/	
EQPM		07/16	JEFF TAYLOR	1	REPORT TO GROUND SUPPORT/	
EQPM O-20069		07/14	CAMERON MYERS	1	REPORT TO GROUND SUPPORT/	
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Maintain roads as directed. 						
7. Special Instructions:						
<ul style="list-style-type: none"> • Draft only from approved water sources; maps with approved sources available from DIVS. 						
8. Division/Group Communication Summary						
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	7	166.7750 N	123.0	166.7750 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
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ROBERTA LIM <i>DM</i> 			PATRICK FARRELL 		07/05/2016	2100

AIR OPERATIONS SUMMARY

Prepared By: Doug Marolf

Prepared Date 7/5/2016

Prepared Time: 19:00

1. INCIDENT NAME: Trailhead Fire	2. OPS PERIOD DATE: 7/6/2016	START TIME: 0700	END TIME: 2100	SUNRISE: 0543	SUNSET: 2032
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Possible low wires & cables in river canyon. High Tension Powerlines high in Otter Creek Drainage with guy wires. Use caution in the area especially during low visibility times.					
4. READY ALERT AIRCRAFT MEDEVAC- H 510 I.A. - H 512			5. TFR #: 6/0314 A- Radius 7NM Altitude 9,000 MSL Freq. 119.625 Center Point 38° 58.10 120° 48.58		

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Staci Dickson	530-277-5153	AIR/ AIR FW	119.625	169.1500	AIRTANKERS - Ordered by ATGS
AOBD(T)	Doug Marolf	208-634-3948	AIR/ AIR RW	124.875		LEAD PLANES- Ordered by ATGS
ATGS	Stew Richter-17V	530-941-0499	AIR/ AIR RW- FF			AA-17V (N4717V-CWN) Grass Valley AA-507 (N107Z) Placerville
ATGS	Walter Bunt	530-515-4016	A/G Command A/G Tactical		166.9125 169.2875	
HEBM	Rocco Terracciano	951-204-8461	COMMAND Rx	See comm plan		NEU ECC Aircraft Dispatcher 530-477-0641 ext 7 Grass Valley Tanker Base 530-272-4952
HEBM (T)	Brian Baker	530-927-7073				OTHER FW AIRCRAFT-
Helibase	Blue Canyon (KBLU)					
Helibase			DECK		163.100	
			TOLC	118.425		

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
505WW	3	AS350B2	Grass Valley	0800		State CWN	699RH	1	Kmax	Blue	0800		Fed EU
3835H	3	Bell L3	Blue Canyon	0800		State CWN	720	1	S54B	"	0800		Fed EU
H510	2	Bell 205A1++	Blue Canyon	0800		Fed EU	703	1	S 61	"	0800		Fed EU
H 512	2	Bell 212HP	"	0800		Fed EU	135BH	1	Fire Hawk	"	0800		Fed CWN

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Water Dropping		As Needed		
Recon		As Needed		
Sling		As Needed		

INCIDENT RISK ANALYSIS TRAILHEAD INCIDENT CA-NEU-15200 (ICS 215A) Day Shift

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DANGER TREES	<ul style="list-style-type: none"> • Follow "Hazard Tree Safety" guidelines, IRPG pages 22. • Post lookouts, or use a spotter in mop-up areas with personnel. • Don't park vehicles or take breaks in high concentrations of hazard trees. • Establish trigger points for disengagement during high wind events". 	
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> • Practice "Defensive Driving" techniques. • Use spotters when backing. • Always use headlights. • Use warning lights when working on roads or traveling in smoke. • Observe posted speed limits. • Watch for logging trucks on Hwy 49 and Wentworth Road. 	
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> • Maintain 8'-10' spacing when working & walking. • Don't work above any personnel. • Evaluate necessity to send personnel in areas with limited access. 	
ALL	CHIPPER OPERATIONS	<ul style="list-style-type: none"> • Ensure JHA is provided and signed by operators. • Only qualified personnel will feed the chipper. • Ensure appropriate PPE is used including eye and hearing protection. 	
ALL	SPOT FIRES	<ul style="list-style-type: none"> • Size up prior to engagement. • Watch for multiple spots. • Ensure LCES is in place. 	
ALL	MOP UP	<ul style="list-style-type: none"> • Use all required PPE, including eye protection. • Maintain proper spacing and overhead clearance. • Be alert for stump holes and root cavities. • Minimize exposure to smoke, and rotate personnel into clean air when practical. • Evaluate unburned islands/Increase situational awareness. 	
ALL	AIR OPERATIONS	<ul style="list-style-type: none"> • Follow " Aviation Watch-Out Situations" on page 44, IRPG. • Don't plan on air resources for medical transport or resupply. • Refer to page 57, IRPG for directing bucket drops. • Ensure positive communication with all air resources. 	
ALL	SUPPRESSION REPAIR	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Use all required PPE, including eye protection. • Maintain proper spacing and overhead clearance. • Be alert for stump holes and root cavities. • Minimize exposure to smoke, and rotate personnel into clean air when practical. • Evaluate unburned islands/Increase situational awareness. 	
ALL	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> • Drink 2 to 1 water to sports drinks. • Take Frequent breaks, minimum of 10 minutes every hour. • 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 	
ALL	MINE SHAFTS, & ADITS,	<ul style="list-style-type: none"> • Be alert for mine shafts, adits, etc. in fire area. They may not be identified on maps. • If found, flag area, notify all line personnel, DIVS, OPSC, & SOFR, keep personnel out of area. 	
ALL	HEAVY EQUIPMENT OPERATIONS	<ul style="list-style-type: none"> • Ensure communications are established with operators. • Use hand signals if other communications are unavailable. • Maintain a 50'-100' exclusion area around equipment. • Use a spotter when backing. 	
DIV T ,P, X	HIGH VOLTAGE POWER LINES	<ul style="list-style-type: none"> • Smoke can conduct electricity; stay 150' clear of lines / towers in heavy smoke. • Do not operate heavy equipment under power lines. • Do not park under power lines. • Watch for fallen power lines, stay 200' away, notify your supervisor • Follow power line safety guide in the IRPG page 24 	
INCIDENT NAME: Trailhead ICS 215a		DATE PREPARED: <p style="text-align: center;">July 6, 2016</p>	OPERATIONAL PERIOD Day Shift 07/06/16 0600-1800 Prepared by T. OConnell, S .Davis ,J. Washington (T)
		TIME PREPARED: 1000 HOURS	

Lookouts
Communications
Escape Routes
Safety Zones

Trailhead Incident
Operation Period: 07/06/2016 0600-1800

SAFETY MESSAGE

FOCUS YOUR ATTENTION ON

- **Driving safely:** Getting to and from the work assignment may be one of the more hazardous activities on this incident.
- **Identifying Hazards:** Size up the work area to identify all potential and existing hazards associated with the environment and assignment.
- **Mitigate Hazards:** Remove hazards or avoid them. Utilize hazard control measures to reduce risk.
- **Use of PPE:** Please ensure the appropriate PPE is in use to protect from the hazards found in your work area.

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE MOP-UP	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT HAZARD TREES COMPLACENCY
------------------------------------	---	--

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

Driving Rules

- Keep your seat belt on!
- Keep your eyes on the road!
- Keep your speed down!
- 15 MPH maximum off pavement
- Downhill traffic yields to uphill traffic
- Reduce speed on the narrow sections of the road and on turns with poor sight lines
- Park well off of the road

Working with Heavy Equipment

- When working around heavy equipment stay at least 100 ft. in front and 50 ft. behind the equipment. In timber, distances should be 2 ½ times the canopy height.
- Never approach equipment until you have eye contact with the operator, all implements have been lowered to the ground, and equipment is idled down.
- Establish visual and radio communications methods prior to engaging.
- Communicate all hazards to the operator.
- Equipment operators have difficulty seeing ground personnel; take responsibility for your own safety and all those around you.

MEDICAL PLAN	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD				
	Trailhead Fire	07/5/2016	1800	0600-1800 7/6/16				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
Medical Unit		ICP			XX			
Frontline Medical		ICP			XX			
FEMP Fleshman and FEMT Ellingson		Division "L"			XX			
REM Team 1		Division "L"			XX			
FEMP Smart and FEMT Altamirano		Division "T"			XX			
FEMP Sauter and FEMT Mazaika		Division "X"			XX			
REM Team 2 and FEMP Crowley		Division "Z"			XX			
FEMP Mickelson and EMT Collier		Division "Z"			XX			
6. TRANSPORTATION								
A. AIR RESOURCES								
NAME		LOCATION		PHONE	PARAMEDICS			
					YES	NO		
CalStar Air Ambulance (Day/Night)		Auburn, Ca.		530-477-5761	XX			
REACH Air Ambulance (Day/Night)		Lincoln, Ca.		530-477-5761	XX			
C.H.P. (hoist capable 165 feet, Day/Night Only)		Auburn, Ca.		530-477-5761	XX			
B. INCIDENT AMBULANCES								
NAME		LOCATION			PARAMEDICS			
					YES	NO		
El Dorado County E.M.S. Branch I – AMB 249		I.C.P.			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	40 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	50 Minutes	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	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"> Minor Injuries or illnesses <ul style="list-style-type: none"> Seek Aid directly at the Frontline Medical Unit, report all injuries or illnesses to supervisor Unit Open 0600 hrs to 2200 hrs Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> Contact Communications directly Med Unit staffed after hours for Emergencies 				<ul style="list-style-type: none"> Start of shift: notify your Div Sup of EMT's/Paramedic's and Medical gear carried by crew Crew Supervisor contacts Division with Nature of Emergency. Division Supervisor contact's Communications and declare a medical emergency on command Closest DIVS or designee responds to incident <ul style="list-style-type: none"> Closest SOFR/EMT's respond to assist w/care Use attached Injury or Incident Comm. Protocol If ambulance (ground or air) delayed designate rendezvous site and move towards it Secure scene for investigation—keep a log 				
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: TRAILHEAD **2. Date/Time Prepared:** Date: 07/05/2016 Time: 1554 **3. Operational Period:** DAY

Date/Time From: 07/06/2016 0600 **Date/Time To:** 07/06/2016 1800 **WED**

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 link to C9 Foresthill
	2	COMMAND	NIFC C9	ALL DIVS	170.0125 N	123.0	165.2500 N	123.0	A	Tone 2 Link to C2 Bald LO
	3	COMMAND	CDF C7	ALT CMD	151.4600 N	103.5	159.3900 N	103.5	A	Tone 8
	4	TACTICAL	NIFG T1	REPAIR W	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	NIFG T6	SCH / R G	166.7750 N	123.0	166.7750 N	123.0	A	Tone 2
	8	TACTICAL	NIFC T7	REPAIR E	168.2500 N	123.0	168.2500 N	123.0	A	Tone 2
	9	TACTICAL	VFIRE 24	DIV P	154.2725 N	156.7	154.2725 N	156.7	A	Tone 6
	10	TACTICAL	VFIRE 25	DIV T	154.2875 N	156.7	154.2875 N	156.7	A	Tone 6
	11	TACTICAL	VFIRE 26	DIV X	154.3025 N	156.7	154.3025 N	156.7	A	Tone 6
	12	TACTICAL	R5 T4	DIV L	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:

Communication Phone 530-333-8321

6. Prepared By (Communications Unit Leader) Name: D STONER Signature: *Don Stoner*
ICS 205 IAP Page Date/Time: 07/05/2016 1554

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

Appendix A

Effective Waterbars

The three objectives of waterbars are: 1) to divert the destructive overland flow of water off the fire line; 2) to discharge the overland flow onto areas where the erosive energy can be dissipated; and 3) to aid in the recovery of vegetation. The last objective will be achieved if erosion is prevented on the fire line surface. Erosion removes topsoil which holds a majority of the organic matter, nutrients, and water holding capacity of the soil profile. Waterbars are designed to intercept slopes, slow, and spread the precipitation run-off. The idea is to move water off the fire line before it can build up enough energy to erode soil and transport sediment.

Spacing: These spacing distances should be used as a guide. Judgement should be used in locating waterbars to minimize erosion potential. Install waterbars at the following recommended intervals

Dozer Line

Fire Line Gradient (% slope)	Distance Between Waterbars ^(A) (feet)
0 to 10	250
10 to 20	100
20 to 40	75
41 to 60 ^(B)	50 ^(B)

Hand Line

Fire Line Gradient (% slope)	Distance Between Waterbars ^(A) (feet)
0 to 5	No waterbars needed
6 to 15	200
16 to 30	100
31 to 50	75
51 to 60	50 ^(B)
>60	None ^(B)

(A) These are guidelines and not intended to restrict the implementation of more or less waterbars if the need or lack of need is justified.

(B) Firefighter safety should be taken into account, if slopes are too steep for safe implementation then waterbars should not be constructed, if sensitive resources are not present.

Location: Water should be directed to unburned areas, and/or resistant surfaces with high vegetation cover when possible. Waterbars should discharge into undisturbed areas and preferably rocky ground or filter areas well protected with ground and vegetation cover, whether rocks or organic materials. Waterbars should not direct water into stream channels.

Depth and Width: Waterbars need to be cut into surface, do not simply push up soil.

- Waterbar depths for **dozer lines** should be at least 6 inches; total height from bottom of ditch to the top of the waterbar should average at least 18 inches and not exceed 24 inches.

- Waterbar depths for **hand lines** should be at least 4 inches; total height from bottom of ditch to top of waterbar should average at least 8 inches and not exceed 12 inches. Higher waterbars do not necessarily mean better waterbars.

The width of the waterbar should extend beyond the width of the hand line by a minimum of 12 inches and up to 24 inches to prevent water exiting the waterbar from flowing back to the hand line. Sticks or rocks should be scattered at the outlet of waterbars to dissipate the velocity of water and minimize erosion (see Figure below). The outflow of the waterbar should be as wide as feasible to prevent deposited sediment from blocking water flow.

Angle: Waterbars should be placed at an angle relative to the fire line. The angle should be directed downhill into unburned vegetation and **between 30 to 45 degrees**. Angle is important, if the angle is too shallow, the water will slow down and deposit the sediment it carries in the waterbar, making it ineffective. If the angle is too steep, water will continue at high velocity and able to erode and carry additional sediment where it exits the waterbar.

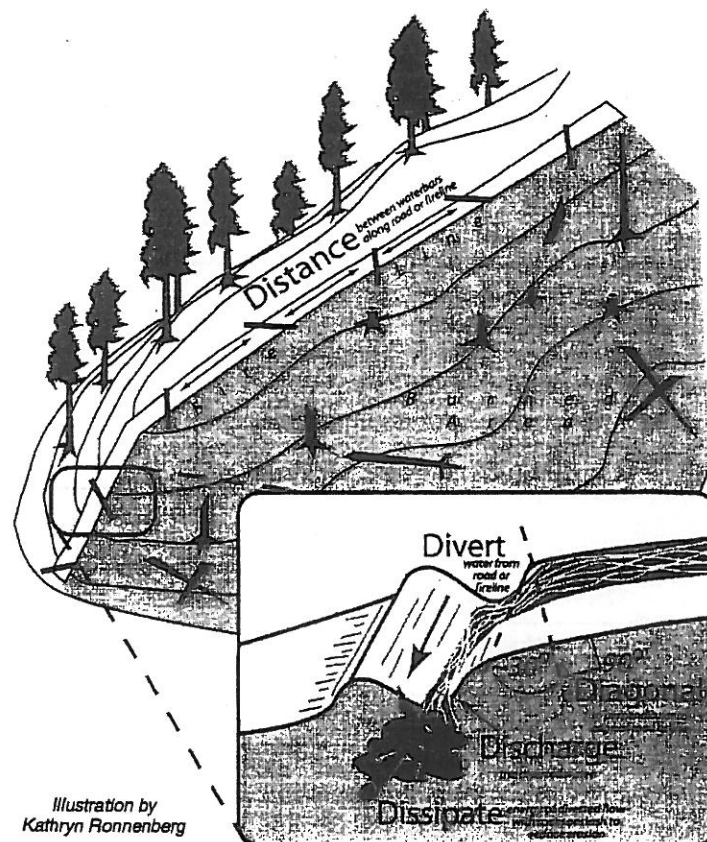


Illustration by
Kathryn Ronnenberg

Figure 1 – Waterbar Installation

(Reference: Hauge, C.J., M.J. Furniss and F.D. Euphrat. 1979. *Soil erosion in California's Coast Forest District*. California Geology. June, 1979)

TRAINING SPECIALIST MESSAGE

***All Training Documentation Packages must be
“closed out” with the TNSP no later than
Today, July 6th by 2000 Hrs.***

***The Training Specialist can no longer accept
Registration Forms to “open” new Training
Documentation Packages on this incident.***

**Bring the Following to the Training Close-
Out:**

- ***Position Task Book w evaluation work
completed***
- ***A completed ICS 225 Performance
Evaluation***
- ***A Trainee Exit Interview Form***

Forms are available at the TNSP Desk

**Brad Smith
Training Specialist**

07/06/2016

TENTATIVE RELEASE

TRAILHEAD US-CA-NEU-015200

CREWS

C-7	0700	(HCS1)	CREW S/T - T1 - 9223 G
C-36	0700	(HC2)	CREW - T2 - INMATE - EASTERN
C-37	0700	(HC2)	CREW - T2 - INMATE - EASTERN
C-44	0700	(HC2I)	CREW - T2IA - SALMON RIVER
C-17	0715	(HCS1)	CREW S/T - T1 - 1179G
C-18	0715	(HCS1)	CREW S/T - T1 - 1181G
C-28	0730	(HCS1)	CREW S/T - T1 - 9470 G
C-29	0745	(HCS1)	CREW S/T - T1 - 9244G
C-31	0800	(HCS1)	CREW S/T - T1 - 9143G
C-52	0815	(HCS1)	CREW S/T - T1 - 9488G, MIKE

EQUIPMENT

E-43	0700	(DOZ2)	DOZ2 RIDGE E-43
E-47	0700	(LOWB)	LOWBOY - RIDGE LOGGING -
E-10078	0700	(ES3)	ENGINE S/T - T3 - 3600C
E-59	0720	(DOZ2)	DOZER - T2 - ELLIS & ELLIS SIGN
E-74	0720	(LOWB)	LOWBOY - ELLIS & ELLIS SIGN
E-19	0730	(ES3)	ENGINE S/T - T3 - 9110C
E-131	0740	(WTRK)	WATER TENDER - T1 TEHAMA
E-17	0800	(DZS2)	DOZ2 S/T 9145L E-17
E-27	0800	(ES3)	ENGINE S/T - T3 - 2350C
E-55	0800	(ES3)	ENGINE S/T - T3 - 9246C
E-63	0800	(DOZ2)	EMERSON ASSOCIATES
E-78	0800	(LOWB)	EMERSON ASSOCIATES
E-67	0820	(DOZ2)	DOZER - T2 - SCHNETZER
E-82	0820	(LOWB)	LOWBOY - SCHNETZER

07/06/2016

TENTATIVE RELEASE

TRAILHEAD US-CA-NEU-015200

E-159	0830	(ES3)	ENGINE S/T - T3 - 9440C
E-87	0840	(WTRK)	WATER TENDER - T2 -
E-68	0900	(DOZ2)	DOZER - T2 - JOHN W HERTZIG
E-83	0900	(LOWB)	LOWBOY - JOHN W HERTZIG
E-161	0900	(ES3)	ENGINE S/T - T3 - 9227 C, ADAM
E-69	0920	(DOZ2)	DOZER - T2 - JOHN W HERTZIG
E-84	0920	(LOWB)	LOWBOY - JOHN W HERTZIG
E-136	0940	(WTRK)	WATER TENDER - T1
E-70	1000	(DOZ2)	DOZER - T2 - JOHN W HERTZIG
E-85	1000	(LOWB)	LOWBOY - JOHN W HERTZIG
E-123	1020	(DOZ2)	DOZER - T2 - RIDGE LOGGING
E-124	1020	(LOWB)	TRANSPORTATION - LOWBOY -
E-140	1042	(DOZ2)	DOZER - T2 - FLOODGATE H2O
E-137	1100	(WTRK)	WATER TENDER - T1 - DON D
E-10015	1140	(WTS2)	WATER TENDER - SUPPORT - T2 -
E-141	1200	(DOZ2)	DOZER - T2 - FIRELINE DOZERS
E-146	1200	(DOZ2)	DOZER - T2 - FOOTHILL H2O
E-10016	1220	(WTS2)	WATER TENDER - SUPPORT - T2 -
E-10017	1240	(WTS2)	WT2S INDUSTRIAL E-10017
E-10083	1300	(WTS2)	WATER TENDER - SUPPORT - T2 -
E-95	1340	(WTRK)	WATER TENDER - T2 - AWB, INC
E-90	1400	(WTRK)	WATER TENDER - T1 - VOLCANO

OVERHEAD

O-10030	0700	(SOFR)	FREIWALD, ZACHARY
O-105	0700	(SOF2)	INGRAM, GRANT
O-229	0800	(HEQB)	BALDONI, CHRISTOPHER T
O-20096	0800	(AREP)	LABELLE, TY H

07/05/2016

21:54:36

Revision Date: 12/19/2011

07/06/2016

TENTATIVE RELEASE

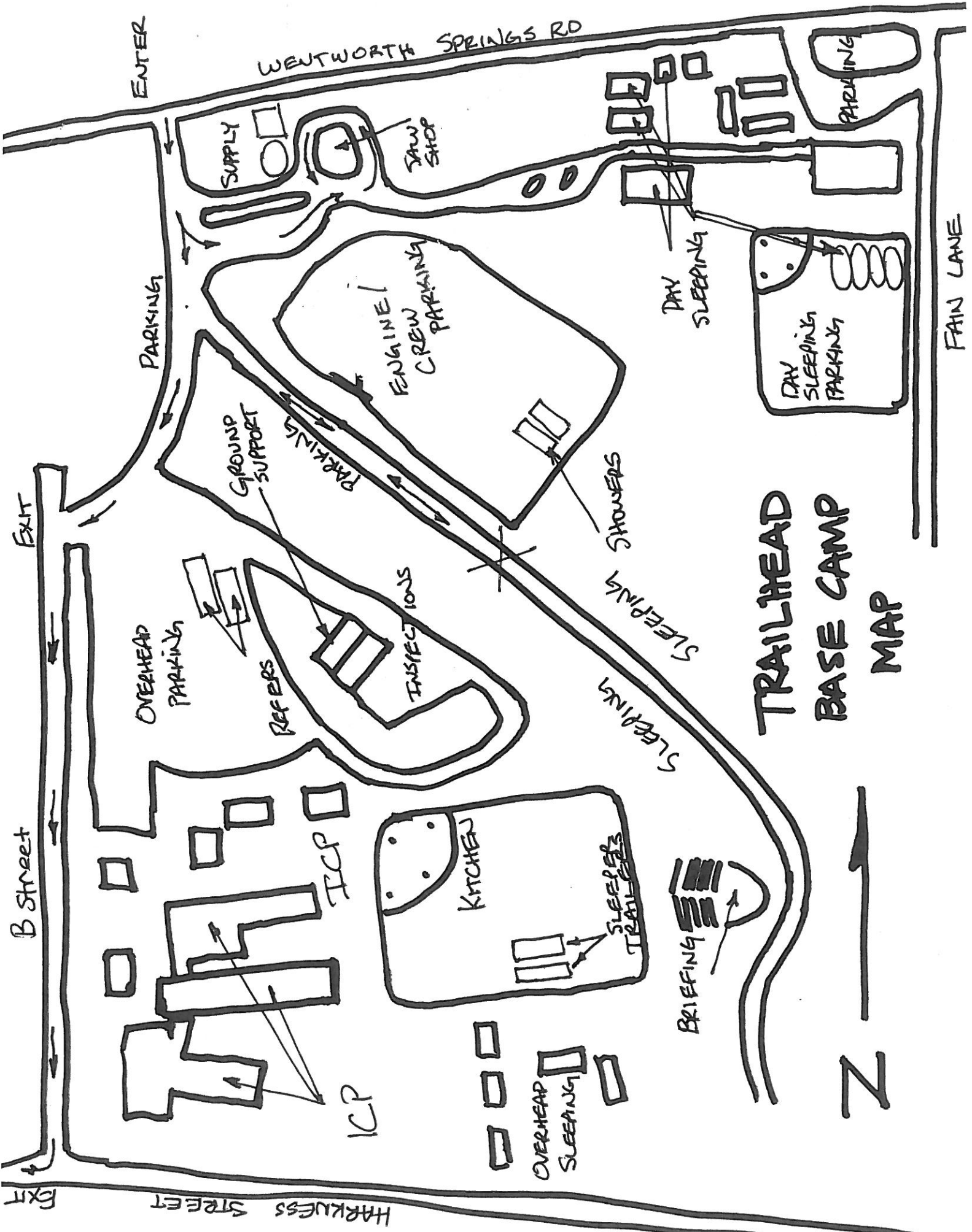
TRAILHEAD US-CA-NEU-015200

O-207

0800

(OPBD)

WALLEN, MATT



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

#	Item 1 - IS the following: (i.e. if you need 3000' of hose & appliances, = 3 Hose Kit A's" or 3 item # 1's				
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				
#	Item	Amount	#	Item	Amount
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				
	<u>PUMP KITS</u>				
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"/> URGENT-RED 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 IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW 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 DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered Routine of Convenience.

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
---------------------------------------	------------------------------------	------------------------------------	--------------------------------

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: