YUBA FIRE

Incident Action Plan



CA-NEU-16856 August 21 – August 23, 2009 0600 – 0600

August $21 - \underline{0600}$ - IAP Briefing at Yuba Fairgrounds August $22 - \underline{0700}$ - IAP Briefing at Park's Bar Bridge/Hwy 20 August $23 - \underline{0700}$ – IAP Briefing location TBD

	1. Incident Name	2. Dat	e	3. Time
INCIDENT OBJECTIVES	Yuba Fire	8/20/	′09	2000 hrs
4. Operational Period 8/21/09 - 8/23/09 0600 to 0600				
5. General Control Objectives for the Incident (include	e alternatives)			
Management Objectives:				
Provide for the Health and Safety	of the Firefighters and the P	ublic		
Keep Costs Commensurate with the state of the state		BBIIC.		
Work Cooperatively with Allied Ag				
Protect Power Grid and Other Imp				
Protect Environmental Resources.				
6. Survey and Implement Fire Suppre	ession Repair Activities.			
Control Objectives:			:	
 Keep the Fire North of San Juan Ri 	dge.			
 Keep the Fire South of Lake Franci 				
Keep the Fire East of Rice's Crossir	-			
Keep the Fire West of Pleasant Va		_		
 Once 100% containment is obtain 	ed, keep fire within establish	ned control lines.		
6. Weather Forecast for Period				
See Weather Forecast				
7. General Safety Message				
See Safety Message				
(4)	Attachments (mark if attac	hed)		
Organization List - ICS 203	Medical Plan - 10	CS 206	Weather Foreco	ıst
Div. Assignment Lists - ICS 204	☐ Incident Map		Fire Behavior For	recast
Communications Plan - ICS 205	Traffic Plan		Air Ops Summar	у
9. Prepared by Branning Section Chief)	10. Appro	overd by (Incident Con	frander)	<u> </u>
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CS 202	U	, ,		
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ORGA	NIZATION AS	SIGNMENT LIST	9.	Operation	ns Sectio	n iv julijus
1. Incident Name			Chief			
	Yuba I	Fire	Suppression Repair			
2. Date		3. Time	Group			
8/20/09		2000 hrs				
4. Operational Period						
8/21,	/09 – 8/23/	09 0600-0600		H. II - Divisi	on/Grou	ps and the second
Position		Name		TBA		
5. Incident C	ommander ar	nd Staff	Deputy		7	
Incident Commander	Fred Lopez		Division/Group			
Deputy			Division/Group			
Safety Officer	Jim Mathais		Division/Group			
Information Officer			Division/Group			
Liaison Officer			Division/Group			
6. Agency Re	epresentative					
			b. Branch	III - Divisior	n/Group	\$: : : : : : : : : : : : : : : : : : :
			Branch Director .	TBA		
			Deputy			
			Division/Group			
			Division/Group			
			Division/Group	- Wa		
			Division/Group	***************************************		
			Division/Group			
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7.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	anning Section				100	= ecul fig.
Chief			Branch Director			
Deputy Resources Unit			Deputy			
Situation Unit			Division/Group			
Documentation Unit			Division/Group			
Demobilization Unit			Division/Group			
Training			d. Air Ope	rations Bra	nch	
Fire Behavior Analyst			Air Operations Branc			
IMET			Air Support Group			
8. Lo	gistics Section		Air Support Superviso	or .		
Chief			Helicopter Coordinat	tor		
Deputy			Helibase Manager			
Supply Unit			10:3	Finance S	ection	
Facilities Unit			Chief			
Ground Support			Deputy Time Unit		***************************************	
Comm. Unit			Procurement Unit			
Medical Unit				me Unit		
Hotel Tech			Compensation/Clain	THTO at		
Hired Equip Tech.			Prepared by (Resource	ce Unit Leade	er)	
Spec						

Yuba fire Safety Message

August 21-23, 2009

Major Hazards and Risks:

FATIGUE, DEHYDRATION AND HEAT EXHAUSTION!!! Get plenty of rest, watch for fatigue and follow proper hydration procedures. Work hard and hydrate just as hard.

Fatigue may weaken your immune system; thoroughly and frequently wash your hands

WEATHER!!!! Be aware of changing conditions. Weather systems with the possibility of dry lighting are developing. Obtain and review updated weather information regularly.

Continue to watch for <u>SNAGS</u>. Avoid them, flag them and report them so we can get them mitigated.

Driving Safety: Watch speeds on roads, there are tight turns, narrow roads and civilian traffic. The fire is out, there is NO reason to cause an accident.

Key Points:

Poison Oak Stump holes Mine Shafts are still hazards that may be found in fire areas.

ELECTRICAL SAFETY: Power lines are still being repaired. Down lines should be considered live.

The Ten Standard Orders are *FIRM*. There is no compromise.

Every Crew: conduct AND document your tailgate safety message.

Establish and Maintain your LCES. Each element needs to be established AND maintained throughout the shift, if LCES is compromised, mitigate it.

INCIDE	CIDENT ACTION PLAN SAFETY ANALYSIS							1	Incident Name Yuba Fire	, .	Data		- 04	22.1	000	Time: 0600-0600			
	CES											Tuba i ile		Date	: Aug	J. 21-	23, 2	009	Tittle: 0000-0000
Branch	Indirect Fireline	Downhill Fireline	Underslung Fireline	Mid-Slope Fireline			Extreme Conditions	Reburn Potential	Snags	Steep Terrian	Road Stability	TCES Mitigations		Transportation +1 hour	Communications	Structure Protection	Traffic on Roads	Power Lines	Other Risk Mitigations
1/11							X	X	X	X		Continue to maintain LCES		х	х		X	Х	Be aware of others in the area
111							Х	Х	Х	X		Be careful on steep slopes		Х	X		X		Always treat all lines as energized
																	ı		Drive carefully
Prepared by: Chris Cox, SOF1, ICT #10																			

3 Day Extended Fire Weather Forecast

3 Day Extended Fil	re vveatiler Forecast
FORECAST NO: 5	NAME OF FIRE: Yuba
PREDICTION FOR: 0600 Fri-0600 Mon	UNIT: CALFIRE-NEU-016586
SHIFT DATE: Aug 21-23rd 2009	SIGNED: fa Wall
TIME AND DATE FORECAST ISSUED: 1700 8/20/09	Incident Meteorologist Ryan Walbrun
WEATHER DISCUSSION: Weather forecasts should be requested from the NWS http://spot.nws.noaa.gov/cgi-bin/spot/spotmon?site=si	in Sacramento due to the possibility of t-storms:
For Friday expect similar conditions to what was obse However by late in the operational period some increasest of the fire, over the Sierra Crest. On Saturday the thunderstorms over the Yuba Fire as any convection to foothills. Any storms will likely be wet and at the very highs only in the 80s. The very slight chance of show Sunday but the more likely scenario is just partly to make the control of the south and mainly light.	asing high clouds and cumulus clouds may form here will be about a 5% chance of showers and that fires over the Sierra Crest may drift down into the least Saturday will feature cloudy skies with daytime wers and thunderstorms stays in the forecast through ostly cloudy skies with seasonable temperatures.
WEATHER FORECAST For Friday: Mostly sunny HIGH TEMPERATURES: 85-95little change from MINIMUM HUMIDITY: 15-25%locally 25-30% shad 20 FT WINDS: RIDGETOP – Southwest 5-10 mph gusts 15 m SLOPES – Light then up-canyon 3-7 mph this	Thursday. led slopes along the river…little change. ph in the afternoon.
<i>Friday Night:</i> Partly cloudy. Lows 60-70. Minimum R shifting to southeast after midnight. Light down-canyo	
Saturday: Partly to mostly cloudy with a 5% chance of over the higher terrain. Any storms will likely be wet. Southerly winds 6-12 mph…local gusts 20 mph should	of showers or thunderstorms but storms will be likely Highs in the mid 80s. Minimum RH 30-40%. d any storms pass nearby.
Saturday Night: Partly to mostly cloudy with a 5% check the followith good RH recovery to 80%. Southerly winds 5-	nance of showers and wet thunderstorms. Low around -10 mphgusts to 15 mph possible.
Sunday: Partly to mostly cloudy with a 5% chance of Minimum RH 30-40%. Southwest winds 6-12 mph.	showers and wet thunderstorms. Highs 80-85.
Sunday Night : Mostly clear. Low around 60. Maximuridges but light down-canyon in the drainages.	ım RH 60-80%. Southwest winds 5-10 mph on the
Safety Thought: Know the Lightning Safety Rules	s listed in vour IRPG

FIRE BEHAVIOR FORECAST NO. 06

NAME OF FIRE: Yuba Incident CA-NEU-16856 PREDICTION FOR: Day/Night Shift

SHIFT DATE: <u>08/21/09 (Friday)</u> through 08/23/2009 (Sunday)

IME AND DATE FORECAST ISSUED: 08/20/09 2000 Hours

Signed: N. Chris Waters FBAN

(few)

Weather Summary: Please review the daily spot weather forecast or the Fire Weather Forecast from Sacramento National Weather Service, Fire Weather at the following link: http://www.wrh.noaa.gov/firewx/?wfo=sto

Unsettled conditions are forecasted for the next several days with the potential for thunderstorm development and associated weather activity.

Fire Behavior General: Fire behavior over the last few days has primarily been limited to isolated burn down of heavy fuels and the continued consumption understory fuels that remain within recently fired areas. This fire activity will diminish over the next few days as mop up operations clean up any remaining hot spots.

Fuels remaining within the fire area consist of partially burned timber and hardwood vegetation where active fire didn't consume all of the available fuels. Re-burn is not expected however continue to monitor the fire area for high risk areas, especially the Yuba River Canyon.

Terrain within the Yuba River Canyon is extreme with some slopes near the Yuba River in excess 100%. These slopes have the potential to support roll outs and hard slope runs – the dominate driver of fire behavior of this fire. If fire gets established outside control lines in the canyon, hard slope runs can be expected.

Watch for Fire Damaged Trees and Stump Holes

SPECIFIC:

Divisions A, B, & Z: South Aspect. Grass and oak woodlands with scattered stands of timber and heavy brush. Relatively mild terrain.

Divisions C & D: South and West Aspect. Ponderosa Pine and mixed conifer timber stands and brush fields over steeper terrain. Extremely steep terrain.

Branch L & M: North Aspect. Some mixed conifer timber stands. Grass and oak woodlands intermixed with older brush fields of oak and Manzanita over the ridges and intermixed with timber in the canyons. Ridges tend to be relatively flat with slopes ranging from 0-25%. Roll out activity remains possible in areas fired over the last 72 hours.

AVIATION OPERATIONS: Visibility will be excellent with no impact to air operations expected.

SAFETY: Mop Up operations present unique risks. Watch out for fire damaged trees and hot stump holes. Monitor the line for roll out activity and consider the potential for roll outs while working in steep terrain.

DI	VISION ASSIG	NMENT LIST	1. Brand	h /		2. Division/0	Group
3. Incident Name				ational Period			
o, incident rante	Yuba Fi	re		ate: 8/21/09	Time: 060	00 to 0600	
5.			Operation	s Personnel			
Operations Chief			Division/	Group Supervisor	ТВА	<u></u>	
Branch Director			Air Attac	k Supervisor No.			
16. 1 - 172	, arth car		Resources	Assigned this F	Period	the same of the sa	
Strike Team/Task Resource Desi		Leader	Numbe Persor	1	Drop Off PT./Time	P:	ick Up PT./Time
S/T ENG HUU 9120C	(E-210) TERF	RIE RIDENHOUR	21		LAKE FRANCIS STAGING A	AREA /	2000
S/T ENG FKU 9430C ((E-208) MAI	T DUNHAM	22		LAKE FRANCIS STAGING A	AREA /	2000
ENG T3 NEU 2375 (E-	7)* BISSI	ER	4		2000		0800
S/T CRW AEU 9273G		E MAGILL	35		LAKE FRANCIS STAGING A	REA /	2000
S/T CRW SKU 9261G	(C-19) MOI	NTE WHIPPLE	36		LAKE FRANCIS STAGING A	\REA /	2000
7. Control Operation	nr.						
Mop-up and po	atrol 300' in fro	m perimeter. Ide	entify and repor	t back haul iss	ues.		
8. Special Instruction	ns						:
All resources on	12 hour shift.	ENG 2375 to ha	ve 12 hour nigh	t shift.			:
							,
SOFR Jim Matho	ais assigned to	entire incident.					
9, 1111 1111			Division/Gro	up Communic	cation Summary		
Function	Frequency	System	Channel	Function	Frequency	System	Channel
	Rx: 151.4600W Tx: 159.3900W		CDF CMD 7	Logistics	The state of the s		
	Rx: 164.1375N Tx: 164.1375N		NIFC TAC 4	Air to Ground			
Prepared by (Resour			Planning Sect. Ch.		Date	Time)
		1 4/	L				

D	IVISION AS	SIGNMEN	T LIST		1. Branch 	1			2. Divi	ion/Gr	oup
3. Incident Name	,			-	4. Opera	tional Perio	d		 		
	Yub	oa Fire			Da	te: 8/21/9)9	Time:	0600 to 060	00	
5.		SSE LEL		Ope		Personn				· 3	
Operations Chief		<u> </u>	4 44 444		Division/C	Group Supe	rvisor	ТВА	*****		
Branch Director					Air Attack	< Supervisor	No.				
6,				Resc	ources A	Assigned	this Pe	riod			
Strike Team/Ta Resource Des			Leader		Numbe Persons			Drop Off PT./Ti	me	Pic	k Up PT./Time
S/T ENG SKU 9260C	(E-50)	RON BRAV)		21		С	OP #4 / 0800			2000
ENG T3 NEU 2390 (E	E-6)*	DAVID TIKK	ANEN		3		2	1000			0800
S/T CRW TUU 9473G	G (C-16)	EVAN CAR	.OS		37	37 DP #4 / 0800					2000
S/T CRW LMU 92220	G (C-68)	PAT BENNIN	IGHOVEN		41		C)P #4 / 0800			2000
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			·····								
7. Control Operation				100							
Mop-up and p	atrol 300° ii	n trom pe	rimeter. Ide	entity and	report	back no	iui issue	es.			
									4		
8. Special Instruction	ons										
All resources or	n 12 hour st	hift. ENG	2390 to ha	ve 12 hou	ur night	shift.					
SOFR Jim Math	ais assigne	d to entir	e incident.								
9,			1	T	1)*			ition Summary			<u> </u>
Function	Frequenc	СУ	System	Chani	nel	Functi	on	Frequency	System		Channel
Command	Rx: 151.46 Tx: 159.39		Tone 15	CDF C	VD7	Logist	CS.				
Tactical Div/Group	Rx: 164.13 Tx: 164.13			NIFQTA	4C 4	Air to Gr	ound				
Prepared by (Resou		 1	Approved by	(Planting Se	ect. Ch.)		Hillillillillillillillillillillillillill	Date		Time	

DIVISION AS	SIGNMENT LIST	1. Branch			2. Division/Group			
2					Suppression Repair Grp			
3. Incident Name		4. Operation	nal Period					
Yuk	oa Fire	Date:	8/21/09	Time: 0600) to 0600			
5.		perations Pe	ersonnel					
Operations Chief	-	Division/Grou	up Supervisor	Len Nielson / Rick	Len Nielson / Rick Carr			
Branch Director		Air Attack Su	pervisor No.					
6.	Re	sources Ass	igned this F	eriod				
Strike Team/Task Force/ Resource Designator	Leader 	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time			
RESP ROBERT RUTLAND (O-73)				FSR Len Nielson at Yuba Ba 0700	1800			
CRW MHC MT HOOD (C-54)	TOMAS RIVERO	21		FSR Len Nielson at Yuba Bo 0700	1800			
CRW PVT LOST RIVER (C-44)	NICK LEE	20		FSR Len Nielson at Yuba Bo 0700	ise / 1800			
CRW TMU SLIDE MOUNTAIN (C-	CODY	18		FSR Len Nielson at Yuba Bo 0700	ise / 1800			
DZR PVT TAYLOR (E-129)	TAYLOR	2		FSR Len Nielson at Yuba Bo 0700	ise / 1800			
DZR PVT A&F DOZER (E-41)	HOPKINS	2		FSR Len Nielson at Yuba Bo 0700	ise / 1800			
DZR PVT SOPER WHEELER (E-21)	ROD HAGUE	2		FSR Len Nielson at Yuba Bo 0700	ise / 1800			
DZR PVT BROWNING (E-131)	P. BROWNING	2		FSR Len Nielson at Yuba Bo 0700	ise / 1800			
W/T PVT AWB INC (E-194)	R. BELION	1		FSR Len Nielson at Yuba Ba 0700	ise / 1800			
W/T PVT LAWLOR (E-186)	P. PAWLOR	2		FSR Len Nielson at Yuba Ba 0700	ise / 1800			
W/T PVT WALLACE (E-109)	J. GAUNTT	2		FSR Len Nielson at Yuba Ba 0700	ise / 1800			
W/T PVT NEVERKOVEC (E-189)	HARRY SANDERS	1		FSR Len Nielson at Yuba Ba 0700	ise / 1800			
PVT EXCAVATOR CANDY APPLE (E-204)	SHAWN WILLIAMS	1		FSR Len Nielson at Yuba Ba 0700	ise / 1800			
PVT BACKHOE TBD				FSR Len Nielson at Yuba Ba 0700	ise / 1800			
BBD WILDLAND FIRE MODULE (O-362)	JAMIE JALVING			FSR Len Nielson at Yuba Ba 0700	se / 1800			
MRN FOBS KENT JULIN (O-168)				FSR Len Nielson at Yuba Ba 0700	se / 1800			
MEU DRIV WASHBURN (O-150)				FSR Len Nielson at Yuba Ba 0700	se / 1800			
7 Control Operations								

Mitigate possible adverse effects to resources resulting from fire suppression activities. Implement Suppression Repair Plan.

8. Special Instructions

SOFR Jim Mathais assigned to entire incident.

It is anticipated that resources will be released incrementally over the three day operational period. All hired equipment is authorized for only one operator for repair work.

9.			Division/Gro	oup Communic	ation Summary			
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command	Rx: 151.4600W Tx: 159.3900W	Tone 15	CDF CMD 7	Logistics				
Tactical Div/Group	Rx: 158.7375N Tx: 158.7375N		V-JAC 13	Air to Ground				
Prepared by (Reso	urce Unit Ldr.)	Approved by	Approved by (Planning Sect. Ch.)			Time	Time	

D	IVISION AS	SSIGNME	NT LIST		1. Branch		headay - No	2.	Division/G	roup
3. Incident Name	!				4. Opera	tional Period		I		
	Yuk	oa Fire			Da	te: 8/22/09	Ţ	ime: 0700 to	0700	
5.				Оре	erations	Personnel				
Operations Chief	· · · · · · · · · · · · · · · · · · ·		``	<u> </u>	Division/G	Group Supervisor	TBA			
Branch Director		•			Air Attack	Supervisor No.				
6.				Res	ources A	Assigned this F	eriod			
Strike Team/Ta: Resource Des			Leader		Number Persons		Drop Off	PT./Time	Pic	ck Up PT./Time
S/T ENG HUU 9120C	(E-210)	TERRIE RID	ENHOUR		21		LAKE FRANCIS S 0800	TAGING AREA	/	2000
S/T ENG FKU 9430C	(E-208)	MATT DUN	HAM		22		LAKE FRANCIS S 0800	TAGING AREA	/	2000
ENG T3 NEU 2375 (E	 -7)*	BISSER			4		2000			0800
S/T CRW AEU 92730	G (C-23)	DALE MAC	SILL		35		LAKE FRANCIS S 0800	TAGING AREA	/	2000
S/T CRW SKU 9261G	G (C-19)	MONTE W	HIPPLE		36		LAKE FRANCIS S 0800	TAGING AREA	/	2000
***************************************								·····		
			······							
Mop-up and p	atrol 300' i	n from pe	erimeter. Ide	entify and	d report	back haul iss	ues.			
8. Special Instruction	ons									
All resources or	n 12 hour s	hift. ENC	3 2375 to ha	ve 12 ho	ur night	shift.				
SOFR Jim Math	ais assigne	ed to enti	re incident.							
9.				Divisi	ion/Grou	up Communiç	ation Summo	ary :		A : 1
Function	Frequen	су	System	Char	nnel	Function	Frequency	y Sys	tem	Channel
Command	Rx: 151.46 Tx: 159.39		Tone 15	CDF C	MD 7	Logistics				
Tactical Div/Group	Rx: 164.10 Tx: 164.13			NIFC T	AC 4	Air to Ground				
Prepared by (Resou	urce Unit Ldr.)		Approved by	(Planking S	Sect. Ch.)		Date		Time	

D	IVISION A	SSIGNMEN	IT LIST		1. Branch				2. Divis	sion/Gr	roup
3. Incident Name					4. Operation	onal Period					
	Yu	ba Fire			Date	: 8/22/09		Time:	0700 to 070	00	
5.	Tanés	ira V		Ор	erations P	'ersonnel		·	Vii 111 iu		
Operations Chief			2		Division/Gr	oup Supervisor	T	TBA			
Branch Director					Air Attack S	Supervisor No.	T				
6.				Res	ources As	signed this P	eric	od je je je			요. (*) 또 (- 40 + 17) 설 : 후 라 (- 18 * 18 * 18 * 18 * 18 * 18 * 18 * 18
Strike Team/Ta Resource Des			Leader		Number Persons	Trans. Needed		Drop Off PT./Ti	me	Pic	k Up PT./Time
S/T ENG SKU 9260C	(E-50)	RON BRAV	0		21		DP	#4 / 0800			2000
ENG T3 NEU 2390 (E	-6)*	DAVID TIKK	ANEN		3	3 2000					0800
S/T CRW TUU 94730	G (C-16)	EVAN CAR	LOS		37 DP #4 / 0800					2000	
S/T CRW LMU 92220	G (C-68)	PAT BENNIN	NGHOVEN		41		DP	#4 / 0800			2000
***			_								
7. Control Operation				176							
Mop-up and p	atrol 300°	in from pe	rimeter. Ide	entity an	a report t	back haul issu	Jes,	•			
8. Special Instruction	ons										-
All resources or	n 12 hours	shift. ENG	2390 to ha	ve 12 ho	ur night sl	hift.					
SOFR Jim Math	ais assigne	ed to entir	e incident.								
								,,,,,,,			<u> </u>
9.					1100000	o Communic	atio				
Function	Frequer	псу	System	Char	nnel	Function		Frequency	System		Channel
Command	Rx: 151.4 Tx: 159.39		Tone 15	CDF C	MD 7	Logistics					
Tactical Div/Group	Rx: 164.1 Tx: 164.1			NIFC T	AC 4	Air to Ground					
Prepared by (Resou			Approved by	(Planning)	Sect. Ch.)		Do	ate		Time	
	Approved by (India)		\sim								

DIVISION AS	SIGNMENT LIST	1. Branch	-		Division/Group Suppression Repair Grp		
3. Incident Name	***************************************	4. Operation	al Period				
Yub	oa Fire	Date:	8/22/09	Time: 0700 to 0700			
5.	Op.	perations Pe	rsonnel				
Operations Chief		Division/Grou	p Supervisor	Len Nielson / Rick (Carr		
Branch Director		Air Attack Su	pervisor No.				
6	Re	sources Assi	igned this F	eriod			
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
RESP ROBERT RUTLAND (O-73)				TBD / 0700	2000		
CRW MHC MT HOOD (C-54)	TOMAS RIVERO	21		TBD / 0700	2000		
CRW PVT LOST RIVER (C-44)	NICK LEE	20		TBD / 0700	2000		
CRW TMU SLIDE MOUNTAIN (C-11)	CODY	18		TBD / 0700	2000		
DZR PVT TAYLOR (E-129)	TAYLOR	2		TBD / 0700	2000		
DZR PVT A&F DOZER (E-41)	HOPKINS	2		TBD / 0700	2000		
DZR PVT SOPER WHEELER (E-21)	ROD HAGUE	2		TBD / 0700	2000		
DZR PVT BROWNING (E-131)	P. BROWNING	2		TBD / 0700	2000		
W/T PVT AWB INC (E-194)	R. BELION	1		TBD / 0700	2000		
W/T PVT LAWLOR (E-186)	P. PAWLOR	2		TBD / 0700	2000		
W/T PVT WALLACE (E-109)	J. GAUNTT	2		TBD / 0700	2000		
W/T PVT NEVERKOVEC (E-189)	HARRY SANDERS	1		TBD / 0700	2000		
PVT EXCAVATOR CANDY APPLE (E-204)	SHAWN WILLIAMS	1		TBD / 0700	2000		
PVT BACKHOE TBD				TBD / 0700	2000		
BBD WILDLAND FIRE MODULE (O-362)	JAMIE JALVING			TBD / 0700	2000		
MRN FOBS KENT JULIN (O-168)	<u> </u>			TBD / 0700	2000		
MEU DRIV WASHBURN (O-150)				TBD / 0700	2000		
7. Control Operations			1				

Mitigate possible adverse effects to resources resulting from fire suppression activities. Implement Suppression Repair Plan.

8. Special Instructions

SOFR Jim Mathais assigned to entire incident.

It is anticipated that resources will be released incrementally over the three day operational period. All hired equipment is authorized for only one operator for repair work.

9.			Division/Gro	oup Communico	ation Summary		
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx: 151.4600W Tx: 159.3900W	Tone 15	CDF CMD 7	Logistics			
Tactical Div/Group	Rx: 158.7375N Tx: 158.7375N		V-TAC 13	Air to Ground.			
Prepared by (Reso	urce Unit Ldr.)	Approved by	(Planning Sect. Ch.)		Date	Time	

D	IVISION ASSIGNME	NT LIST	1. Branch			2. Divisio	n/Group
			1/1				
3. Incident Name			4. Operat	ional Period			
	Yuba Fire		Dat	e: 8/23/09	Time: 070	00 to 0700)
5.	Principles as New Hillshold as Sept. 1975		Operations I	Personnel			
Operations Chief			Division/G	roup Supervisor	TBA		
Branch Director			Air Attack	Supervisor No.			
6.			Resources A	ssigned this Pe	riod		
Strike Team/Ta Resource De	sk Force/ signator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
							_
8. Special Instructio	ons						
		THE HOUSE SELECTION OF S			literi		
9. Function	Frequency		Channel	Function	ation Summary (##	System	Channel
Command	Rx: 151.4600W Tx: 159.3900W		DF CMD 7	Logistics	подоснеу	зумен	Criannel
Tactical Div/Group	Rx: 164.1375N Tx: 164.1375N	NII	FC TAC 4	Air to Ground			
Prepared by (Resou	urce Unit Ldr.)	Approved by (Plann	ning (ect. Ch.)		Date	Ti	me

D	IVISION ASSIGNM	ENT LIST	1. Branch	ו		2. Divisio	on/Group
3. Incident Name				tional Period			
3. incident Name	Yuba Fire						
				te: 8/23/09		00 to 0700	
5.			Operations				
Operations Chief			Division/G	Group Supervisor	TBA		
Branch Director			Air Attack	c Supervisor No.			
6.			Resources /	Assigned this Pe	riod	- · · · · · · · · · · · · · · · · · · ·	
Strike Team/Ta Resource Des		Leader	Numbei Persons		Drop Off PT./Time	:	Pick Up PT./Time
					•		
							
		, ,					
7. Control Operation	ons						
8. Special Instruction	ons						
9. m. Akarama.	e commente de la commentación de l			ENNERGE EXTRAGEL	art of the second		
Function	Frequency	System	Channel	up Communico	Frequency	System	Channel
Command	Rx: 151.4600W Tx: 159.3900W	Tone 15	CDF CMD 7	Logistics	riequency	39316111	Cronner
Tactical Div/Group	Rx: 164.1375N Tx: 164.1375N		NIFC TAC 4	Air to Ground			
Prepared by (Resou	urce Unit Ldr.)	Approved by (F	Planning Sect. Ch.)		Date	Т	ime

DIVISION AS	SIGNMEN	IT LIST		1. Branch	7		2. Divi		roup on Repair Grp	
3. Incident Name				4. Opera	tional Period					
Yuk	oa Fire			Date: 8/23/09 Time: 0700 to 1900						
5.			Ορ	erations	Personnel					
Operations Chief				Division/C	Group Supervisor	Len Nielsor	/ Rick Carr		<u></u>	
Branch Director				Air Attacl	Supervisor No.			***************************************	•	
6.			Re	sources /	Assigned this P	eriod				
Strike Team/Task Force/ Resource Designator		Leader		Numbe Persons		Drop Off P	T./Time	Pic	ck Up PT./Time	
RESP ROBERT RUTLAND (O-73)						TBD / 0700			1900	
CRW MHC MT HOOD (C-54)	TOMAS RIV	ERO		21		TBD / 0700			1900	
CRW PVT LOST RIVER (C-44)	NICK LEE			20		TBD / 0700			1900	
CRW TMU SLIDE MOUNTAIN (C-	CODY		-	18		TBD / 0700			1900	
DZR PVT TAYLOR (E-129)	TAYLOR			2		TBD / 0700			1900	
DZR PVT A&F DOZER (E-41)	HOPKINS			2		TBD / 0700			1900	
DZR PVT SOPER WHEELER (E-21)	ROD HAGU	E		2		TBD / 0700			1900	
DZR PVT BROWNING (E-131)	P. BROWNII	NG		2		TBD / 0700			1900	
W/T PVT AWB INC (E-194)	R. BELION			1		TBD / 0700			1900	
W/T PVT LAWLOR (E-186)	P. PAWLOR			2		TBD / 0700			1900	
W/T PVT WALLACE (E-109)	J. GAUNTT			2		TBD / 0700			1900	
W/T PVT NEVERKOVEC (E-189)	HARRY SAN	DERS		1		TBD / 0700			1900	
PVI EXCAVATOR CANDY APPLE (E-204)	SHAWN WIL	LIAMS		1		TBD / 0700			1900	
PVT BACKHOE TBD						TBD / 0700			1900	
BBD WILDLAND FIRE MODULE (O-362)	JAMIE JALV	ING	_			TBD / 0700			1900	
MRN FOBS KENT JULIN (O-168)						TBD / 0700			1900	
MEU DRIV WASHBURN (O-150)		3				TBD / 0700			1900	
7. Control Operations	······	~								
Mitigate possible adverse	effects to	o resources	resulting	g from fir	e suppression	activities. Imp	lement Suppr	essio	n Repair Plan.	
8. Special Instructions SOFR Jim Mathais assigne	ed to entire	e incident.								
It is anticipated that resou authorized for only one o				entally c	over the three	day operatior	nal period. All	hired	d equipment is	
			Divi	sion/Gro	up Communic	ation Summa	y			
Function Frequence	су	System	Cho	innel	Function	Frequency	System		Channel	
Command Rx: 151.46 Tx: 159.39		Tone 15	CDFC	CMD 7	Logistics					
Tactical Rx: 158.73			V-TA	C 13	Air to Ground					
Prepared by (Resource Unit Ldr.)		Approved by	(Planning	ect. Ch.)		Date	,	Time		

DIVISION A	SSIGNMENT LIST	1. Branch		1	2. Division/Group R&R		
		4.0			Kak		
3. Incident Name	ba Fire	4. Operatio					
T U			: 8/20/09 and	d 8/21/09 Time:			
5.		Operations P					
Operations Chief		Staging Are	a Manager				
Branch Director		Air Attack S	upervisor No.				
6.		Resources As	signed this Pe	eriod			
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	e Pick L	Jp PT./Time	
S/T DZR FKU 9438L (E-82)	Carey Jones	5					
S/T CRW CZU 9175G (C-18)	Tony Arnold	36					
S/T CRW LNU 9141G (C-33)	Tob Thyarks	33					
S/T CRW FKU 9475G (C-30)	Ben Hutchison	37					
S/T ENG RRU 9311C (E-172)	Andrew Bennet	21					
S/T DZR TGU 9250L (E-36)		5					
S/T DZR LNU 9147L (E-83)	Ryan Allbaugh	7					
S/T CRW MMU 9470G (E-31)	Gerald Jay	35					
S/T CRW CZU 9174G (E-17)	Doug Jones	31				_	
S/T ENG TGU 9250C (E-212)	Eric Johnson	21					
S/T ENG BTU 9210C (E-211)	Chris Naile	21					
						_	
						1	
7. Control Operations						_	
8. Special Instructions							
All CCV's need to be rel instructions.	ocated to the North parkin	g lot off of C	Street. Cont	act Walt William	s at 209.756.556	3 for parking	
mismoemoris.							
9.00 (10.00)		ivision/Group	Communic	ation Summary			
Function Freque		Channel	Function	Frequency	System	Channel	
Command			Logistics				
Communa			Logistics				
Tactical							
Div/Group			Air to Ground				
Prepared by (Resource Unit Ldr.	Approved by (Plant	ng Sect. Ch.)		Date	Time		
	~M	\vee					
	•				•		

DIVICION	1. Branch	_	2. Division/Group			
DIVISION	ASSIGNMENT LIST				R&R	
3. Incident Name		4. Operation	nal Period			
Yı	uba Fire	Date:	8/21/09 and	8/22/09 Time:		
5.		Dperations Pe				
Operations Chief		Division/Grou	up Supervisor			
Branch Director		Air Attack Su	pervisor No.			
-6-		Resources Ass	igned this Pe	riod		
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans, Needed	Drop Off PT./Time	Pick	Up PT./Time
S/T ENG CDF 9550C (E-80)	Paul Speer	21				
S/T CRW TGU 9256G (C-3)	Joann Cantos	33				
S/T CRW CNR 9196H (C-69)	Jake Sjolund	32	-			
S/T CRW BDU 9389G (C-4)	Stephen Volmer	35				***************************************
S/T CRW BDU 9388G (C-5)	Jon Wright	49				
S/T MVU 9378G (C-67)	Robert Edman	34				

7. Control Operations		·······	<u> </u>			
						*
8. Special Instructions						***************************************
All CCV's need to be re	located to the North parking	g lot off of C	Street, Conto	act Walt Williams at	209.756.5563	for parking
instructions.						_
9.	ika kantanjar da P	ivision/Group	Communico	ntion Summary		
Function Freque	ency System C	Channel	Function	Frequency	System	Channel
Command			Logistics			•
Tacifoal Div/Group		13,	Air to Ground		Annie	
Prepared by (Resource Unit Ld	r.) Approved by (Plant)	ng sect) Ch.)		Date	Time	

	COMMUNIC	NT RADIO CATIONS PLAN	Incident Name Yuba Fire Date/Time Prepared 8-20-09		Operational Period Date/Time 8-21,22,23-09/0600-0600						
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	1	Remarks
1	Command	CDF CMD 7	All Divisions	151.4600	W		159.3900	W	162.2		Tone 15
2					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
3											
4	Tactical	NIFC TAC 4	Branch I/II/III	164.1375	N		164.1375	N			All Divisions
5											
6											
7											
8	Ė										
9	Tactical	V-TAC 13	Supp Rpr Grp	158.7375	N		158.7375	N	156.7		Suppression repair Group
10											
11	NEU West	NEU West	Unassigned	151.3250	W		159.3600	w			Assigned pending dispatch
12	EMS	CALCORD	All Div's	156.0750	W		156.0750	w			
13											
14	Emergency	AIR GUARD	All Div's	168.6250	N		168.6250	N	110.9		Emg. contact with aircraft
15											
16	Emergency	AIR GUARD	All Div's	168.6250	N		168.6250	N	110.9		Emg. contact with aircraft

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

Incident Location

State

Ν

Longitude

Latitude

W

County

Prepared by (Communications Unit)

Scott Preston COML (T) Chet Ashbaugh COML (T)

ICS 205 3/2007

	1. INCIDENT NAME	. DATE PREF	PARED	3. TIME PREPARED	4. OPERA	ATIONAL PE	RIOD	
MEDICAL PLAN	Yuba	3/20/09		1900		1/09-8/23/0 - 1800	09	
	5. INCIDENT ME	DICAL AII	DSTAT	ION				
MEDICAL AID STATIONS		100	TION			PARAN	MEDICS	
WEDICAL AID STATIONS		LOCA	NOITA			YES	NO	
							H	
						+H		
	6. TRANS	PORTAT	ION		v 1.71475747		7,000	
	A, AMBULA	- 100 B & 100	(67) - 7 (7)		<u>n sagada T.</u>		<u>ingi sasar</u>	
						PARAN	AEDICS	
NAME		RESS		PF	IONE	YES	NO	
Bi-County Ambulance	Marysville Rd x Hwy 20			530-743				
Penn Valley Ambulance	10513 Spenceville Avenue, I			530-432				
Cal-Star Air Ambulance	Grass Valley Emergency Co			GV ECC			Щ	
Reach Air Ambulance	Grass Valley Emergency Co	nmand Ce	nter	GV ECC				
	B. INCIDEN	B. INCIDENT AMBULANCES						
NAME	LOCATION -						AEDICS	
			······································			YES	NO I	
,,,,								
300000000000000000000000000000000000000								
	7. HO	SPITALS						
NAME	ADDRESS	TRAVE	EL TIME	PHONE	HELIPA		URN NTER	
		AIR	GRND			NO YES		
Rideout Hospital	726 4th Street, Marysville	15	40	530-749-4300				
Sierra Nevada Hospital	155 Glassen Way, Grass Vallley	10	30	530-274-6001	\boxtimes	4 4		
Enloe Medical Center	1531 Esplanade Circle, Chico CA 2315 Stockton Ave., Sacramento		90	530-332-7330		4		
UC Davis Burn Center	2315 Stockton Ave., Sacramento	20	60	916-734-3636				
	8. MEDICAL EMER	SENCY P	ROCEL	URES		<u></u>	<u> </u>	
	0. m=0,0,= = = = = = = = = = = = = = = = = =			<u> </u>	<u> </u>	<u> </u>	<u> </u>	
LINE EMERGENCY							-	
 If major Injury, Super emergency, location contact. Tactical net for medic Grass Valley ECC wi If minor injury, Super 	nmediately notify their Supervisor of an rvisor will declare a medical emergency of emergency, type of transportation recal emergencies will be CalCord ill clear command channel for emergency isor will arrange treatment/transport as needed to help mitigate the emergency	with Grass ' quired (grou by traffic for s available, o	nd or air), serious inj or coordina	and location for transpo uries only ate through Grass Valle	rtation to m			
9. PREPARED BY (MEDICAL UNIT Ann Yoshinaga MEDL-(T	,			IEWED BY (SAFETY OFFI Cox, SOF1	CER)			

Δ	IR	OF	FR	ΔTIC	NS	SUN	ΙΜΔ	RY	220
		\sim		7117					

PREPARED BY: John Richardson

DATE: 8/20/2009

1. INCIDENT NAME: Y		2. OP	ERATIONAL D	ATE: August 21	- 23, 200	9	SUNRISE: 06:25	SUNSET	: 19:48
3. REMARKS Safety Not	es:			4. AIR RESCL	JE AIRCR	AFT: C1	04	5. TFR/91.13	7:
				Activation Instru	ctions:				
Numerous power lines	and low level cables identifi	ied. See incident b	rieting map					YUBA TFR	
DCE will be flying a hel	icopter in the fire area settir	na nolon Thou ho	un the Vieter	Request place	d through	Operation	ons	RESCINDED	
FX and should be no fa		ig poies. They ha	ve trie victor					Radius:	
T X and should be no la	Clor.							Altitude MSL: Center Point:	
Order FW/RW Aircraft	through Operations							Latitude:	
	oug operations							Latitude:	
Helibase(s)								209	
Name: Grass Valley HB	(GOO) Lat/Long: N 39 13.4	441 W 121 00.18	5					Į.	
3a Matar Bainta: Era	ncis Dip: N 39 21.74 X W12	24 42 26							
	Dip: N 39 23.698 X 121 07			3b. Helispots	None				
6. PERSONNEL	Name	Telephone	Cellular	Pager	Fa	Y	7. FREQUENCY	AM	FM
AOBD			Container		· · ·		AIR TACTICS:		•
ASGS							AIR/AIR RW:	126.075	
ASGS (T)							AIR/GROUND:		
ATGS							COMMAND:	Consult I	AP ICS 205
HEBM Brownsville HB							COMMAND RPT:		
HLCO	Don Cockrum		530 906-5930				DECK:		
							TLOC:		
								100 705	
AGENCY AIRCRAFT DISPATCH OFFICE	Grass Valley	530 477-0641 137					GOO CATF	122.725 121.325	
AGENCY AIRCRAFT DISPATCH OFFICE	Glass valley	030 477-0041 137			-		GOO	121.325	
GOO ATB	ATBM	530 272-4952			530 272	2-1112			
		000 272 1002			1 000 271				
AGENCY AVIATION MILTIARY LIAISON									
8. PERSONNEL ON O	RDER: None								
	SEE INCIDENT RAD	IO COMMUNIO	CATIONS PI	AN (205) FO	OR ALL	OTHE	R FREQUENCIES	31	
9. FIXED WING:				O. ROTOR WING					
And the second s	Identifier	Base	70/999	Туре			Identifier	Bas	e
Air Attack(s):			н	elitanker(s):					
Leadplane(s):				ν					
Tanker(s):			1:						
1:			U:	1		C104		Grass Valley HB	
II:			lii	: 1		48087		Grass Valley HB	
III:			l IV	':				RON Boggs Mtn	
11. SPECIAL ASSIGNI AIRCRAFT RESCUE FIR	42.4% WWW. 1000 1000 1000 1000 1000 1000 1000	site at	helibase(s).						
12. : EQUIPMENT ON									

13. TASKS/MISSION ASSIGNMENT (Type/Function includes: Air Tactical, Helicopter Coordinator, Fixed Wing: Retardant, Rotor Wing: Helitanker: Retardant/Foam, Rotor Wing: Retardant and or Foam, Personnel & Cargo Transport, Dip Site Locations and Names, Initial Attack and Air Rescue Helicopters, and Other.

TYPE/FUNCTION	NAME OF PERSONNEL AND/OR CARGO INCLUDING INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Air Tactical				
Helicopter Coordinator	Order from Grass Valley HB	0800		
Fixed Wing: Retardant	Order through Operations on Command	0800		
Helitanker: Retardant/Foam				
Rotor Wing: Retardant/Foam	Available from Grass Valley Helibase, order through HLCO, or if not available, through Grass Valley Helibase on command.	0800		
Recon/Plans	Available at Grass Valley Helibase. Coordinate through Operations.	0800		
Personnel Transport				
Cargo Transport				
Dip Site Names and Locations	Francis Dip: N39 21.74 W121 12.26 Barr Dip: N39 23.698 X W121 07.949			
Initial Attack Helicopter	Order through Grass Valley Local	0800		
Air Rescue Helicopter				
Other:				

ICS-220B (January 2001)



YUBA INCIDENT FINANCE MESSAGE FRIDAY, AUGUST 21, 2009



FOR YOUR CONVIENENCE THE PERSONNEL & EQUIPMENT TIME UNITS ARE OPEN 0500.

******* CAL FIRE PAY PERIOD ENDS SUNDAY AUGUST 23rd *******

There are E-PAY computers located just inside the doors of the ICP
(Franklin Hall). We will try to keep these up as long as possible prior to demobing Incinet.

With the incident winding down we need......

CONTRACTS - CONTRACTS - CONTRACTS

Hired Equipment Vendors: If you have not brought your contracts to finance you need to do so TODAY!

SHIFT TICKETS - SHIFT TICKETS - SHIFT TICKETS

If there is ANY hired equipment vendors under your supervision PLEASE bring all shift tickets to finance.

FC-33's: Some of you will be demobed prior to your R & R – please come and see us so we can project out your FC-33's. If you are still "assigned" to operations or rehab, we will continue your 33's. If you have not checked in please do so.

SUPPRESSION DAMAGE REPORTS

We are still getting reports of suppression related damage. Please leave this information with Comp Claims as well as Rehab. We will need the location (preferably on a map), lat and long, photos if you have them and a short statement with your contact numbers.

THE BIG MOVE!

When camp shuts down, Finance will be moving to a facility in Grass Valley. We will leave contact numbers and will be available for at least 1 additional week after demob.

IF YOU HAVE ANY FINANCIAL PROBLEMS OR QUESTIONS PLEASE DO NOT HESITATE TO COME AND ASK US. EVEN LITTLE PROBLEMS ARE BEST AVIODED EARLY. IN MOST CASES WE CAN FIND A SOLUTION!

FC ROGER RAINES JR. COMMAND TEAM 10 FINANCE SECTION CHIEF CELL: 951-712-1907

TRAINING SPECIALIST MESSAGE

All Trainees and Trainers on the Yuba Incident must be "closed out" with the TNSP by 1000 Hrs on Friday 8-21

In order to receive documented credit for your training assignment – you must close out with the Training Specialist before you Demob!!

BEAT THE RUSH!

Trainees may close their assignment with the TNSP prior to the demob process

Bring the following to the "exit interview"

- <u>A completed and signed ICS 225 or 226</u> <u>Performance Evaluation</u>
 - A completed Exit Interview Form
 - Task Book

Forms are available at the Training Office

Remember: No documentation – it didn't happen!

Paul Melendrez - TNSP 8-20-09

THE FOLLOWING RESOURCES PLEASE COME SEE THE TIME UNIT

REQUEST #	NAME	UNIT	REQUEST #		UNIT
O-2	REISCHMAN	NEU	O-325	LEONARD, G	NEU
O-3	EICHOLTZ	NEU	O-334	MATA	RRU
O-6	PICKER, S	NEU	O-336	WILSON	RRU
O-7	WACHENDORFER	NEU	O-351	MATHAIS	NEU
O-8	TOLMACHOFF	NEU	O-352	BROWN	TUU
O-9	MCGREGOR	NEU	O-353	VERBECKMOES	CNR
O-10	PICKER, N	NEU	O-355	STOFFAL	BTU
O-12	BRITTNER	NEU	O-356	MESSINA	BTU
O-14	STONUM, D	NEU	O-358	STEVENSON	NEU
O-15	MENDONCA	NEU	O-359	WRIGHT	NEU
O-17	GALLEGOS, P	NEU	O-363	BURNS, L	NEU
O-27	SMITH, R	NEU	O-368	ELLIS	NEU
O-34	COCKRUM	NEU	O-369	CARR, R	NEU
O-39	MCGOWAN	LNU	O-372	OYLEAR	TGU
O-54	HUTCHINS	NEU	O-375	PARSEGIAN	CNR
O-55	PRICE	TUU	O-376	ROSE	NEU
O-56	HARRIS	NEU	O-378	MUELLER	NEU
O-67	TOWNSEND	NEU	O-379	VATCHER	BTU
O-68	BURGER	NEU	O-381	SIERER-WOOD	
O-73	RUTLAND	CDF	O-386	SPRAGUE	AEU
O-82	WEBB	NEU	O-387	CORRALES	AEU
O-83	HEDGE	NEU	O-388	MICHEL	AEU
O-86	HENDERSON	NEU	0 000	WHOTIEL	/ LO
O-89	BURNS	NEU	E-8	E2369	NEU
O-96	RINELLA	NEU	E-15	E5560	CDF
O-106	LUKE	BTU	E-135	DZ2140	BTU
O-108	JOHNS	AEU	E-149	DZ9428	MMU
O-109	TAYLOR	AEU	E-183	2598	TGU
O-109 O-126	HEGGIE	MVU	L-100	2000	100
O-130	ABBALLO	LNU	C-29	9395G	SLU
O-130 O-139	LANGE	NEU	C-29 C-32	9232G	NEU
O-139 O-140	TEN EYCK	NEU	C-32 C-65	9232G 9274G	AEU
O-140 O-166	CRAWFORD	SCU	C-68	9274G 9222G	LMU
O-100 O-174	SANDAHL	MEU	C-69	9222G 9196H	CNR
O-174 O-184	NEWTON	CDF	C-09	91900	CIVIC
	LEONARD				
0-222		NEU			
O-223 O-249	AMES	NEU			
	BLAND	NEU			
O-250	FENENGA	CDF			
O-251	BUCOLO	NEU			
O-264	STULLER	NEU			
O-271	HUNZIKER	NEU			
O-272	ADAMS	NEU			
O-273	MINOR	NEU			
O-294	ZOLLO	BTU			
O-303	CHAMBERLIN	NEU			
O-304	HURD	NEU			
O-305	MENDONCA, J	NEU			
O-318	GUTIERREZ	NEU			
O-321	HOGAN	AEU			
O-324	LAWSON	NEU			

"Yuba" Incident CA-NEU-016856 Fire Suppression Repair Plan

1. Objectives

This Fire Suppression Repair Plan was developed in a cooperative effort between CAL FIRE and the Bureau of Land Management. The objective of the Suppression Repair Plan is to mitigate possible adverse effects to resources resulting from fire suppression activities on the Yuba Fire, in a manner which does not compromise firefighter safety. The mitigations described within this plan have been developed to apply to constructed fire lines, watercourse crossings, access roads, drop points, heli-spots and any other locations disturbed by fire suppression activities. A Repair Specialist will be assigned to ensure that work is done as required and according to the Emergency Fire Suppression Repair Plan. Additional specialists or equipment may be used if the need arises. Specialists will release equipment from the area when their work is completed.

II. General Repair Guidelines

A. Hellspots/Staging Areas/Safety Zones

1) Re-contour to the original slope as requested by the Repair Specialist.

2) Remove soil, and/or breach berms so that runoff can be dissipated. Cross drain these areas to effectively dissipate water runoff.

3) Place disturbed vegetation, brush and trees, plled during line construction, on the surface of safety zones and open areas. This may be done with equipment or hand crews.

B. Roads

1) Repair roads to pre-fire condition as requested by the Repair Specialist.

2) Re-establish existing berms where applicable.

- 3) Breach berms to facilitate drainage, where applicable.
- 4) Clean culverts plugged with soil and rock resulting from fire road use.
- 5) Remove all slash and debris from culvert inlets/outlets.
- 6) Blading or grading of roads may be necessary. Grading shall be done after all suppression repair work is completed for areas accessed by the roads being graded.
- 7) Where vegetative material was cut and deposited adjacent to permanent roads it shall be lopped and scattered to a depth within 30" of the soil surface.

C. Firelines; Hand and Dozer

Install waterbars as described in the guidelines below. Waterbars are designed to intercept, slow and spread the precipitation run-off in order to reduce sediment transport and soil erosion. The idea is to move water off the fireline before it can build up enough energy to erode and transport sediment. Re-establish waterbars and rolling dips using pre-fire locations. Flatten berms along fire lines to match natural contours. Utilize cut vegetation for erosion control on steep dozer and hand lines.

Waterbar Guidelines:

1) Spacing: These spacing distances should be used as a guide. Judgment should be used in locating waterbars to minimize erosion potential. It may not be possible or necessary to place waterbars in steep or rocky areas. Install water-bars at the following recommended *minimum* intervals:

Fire line Gradient	Minimum Distance Between Water-Bars
(% slope)	(feet)
0 to 10	200
11 to 25	100
25+	50

- 2) Location: Locate waterbars at natural slope breaks or to take advantage of natural features when possible. Direct water to unburned areas, and/or resistant surfaces with high vegetation cover when possible. Waterbars should extend beyond the width of the trail and discharge into undisturbed areas, rocky ground, or filter areas well protected with slash and vegetative cover.
- 3) Depth and Width: Waterbars need to be cut into the ground surface; do not simply push up soil. On dozer constructed line waterbar depths should be at least 6 inches; total height from bottom of ditch to top of waterbar should average at least 12 inches and not exceed 24 inches. On hand constructed line waterbar depths should be at least 4 inches; total height from bottom of ditch to top of water-bar should average at least 8 inches and not exceed 18 inches. The width of the waterbar channel should be enough to handle expected water flows and to avoid plugging when a normal amount of sloughing occurs.
- 4) Angle: Determine the average gradient in percent slope of the fire line being waterbarred. Add 5 to the average gradient. This approximates the angle in degrees for the water bar. Do not install water bars at an angle steeper than 45 degrees as this will increase water velocity rather than slow it down.

D. Watercourses

- 1) Watercourse crossings shall be dipped to original configuration. Straw mulch or native vegetation shall be placed at 90% coverage for a distance of 30'-50' each side of watercourse crossings, but not in the channel itself. Waterbreaks shall be installed on each side of channel to divert flow off of trails prior to entering watercourse channel.
- 2) Remove all soil and debris that was placed in any stream channel. A Repair Specialist will review the site for acceptability prior to mulching or native vegetation placement. If all foreign material cannot be removed with heavy equipment, the material shall be removed by hand. The excavated stream channel shall be wider than the natural channel. The approaches to the crossing shall be sloped back to prevent future stream bank failure.

E. Archaeological or Historic Sites (if discovered)

- 1) All sites and potential sites shall be flagged and avoided.
- 2) Impacted sites will be reported to the Suppression Repair Specialist as soon as possible.
- 3) If sites are encroached upon, work will stop immediately and the Division/Group Supervisor or Suppression Repair Specialist will be notified.

F. Other Repair Concerns

- 1) Remove all trash from fire lines and other affected areas.
- Repair, broken, damaged fences, and/or gates damaged as the result of the fire control operations will be repaired. (Note: Extent and condition of damage should be documented prior to repairs.)
- 3) Grade and water roads, as needed, that were used during fire control operations. Roads should be outsloped with rolling dips where degradation of the road prism has resulted from fire control operations.

4) Limit access for off road vehicles by placing brush and or slash where fire lines intercept roads.

Prepared by:

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Approved by:

Bruce Schoffeld, Plans Section Chief

Approved by

Kelly Keenah, Incident Commander

UNIT	LOG	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators		5. Unit Leader (Name and Position)		6. Operational Period
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8.		I Activity Log		
Time			Major Events	
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		HILLING CO.		
			<u> </u>	-
9. Prepared by (Name and Position)				

TIME	MAJOR EVENTS
9, Prepared by (Name and Position)	