## **WEST DELTA**

## **Incident Action Plan**

5 Day Shift October 11 – 15, 2018 (0700 – 1900)



## **TRANSFER OF COMMAND TODAY!**

Know the Who, What, When, Where and Why

## **DRIVING HAZARDS**

- Expect Logging Traffic on Gilman Road. Reduce Speed, Drive Defensively!
- Use Flashers, Emergency Lights and Caution Cones or Triangles while working along roadways.
- Expect Rollouts across lines and roadways. Keep eyes to the green.
- Do NOT park directly below areas burned

Maintain a High Level of Situational Awareness DELTA CA-SHF-001444, P5L4L8 (0514) HIRZ CA-SHF-001223 P5L2ZM (0514) Shasta Trinity National Forest

•		

INC	DENI OBJECTIVES	(105 202)		
1. Incident Name:	2. Operational Period: DA	Υ		
WEST DELTA	Date/Time From:		Date/Time To:	
	10/11/2018 0700	THU	10/15/2018 1900	MON
3. Objective(s):				
<b>LEADER'S INTENT</b> Stage 1 Suppression Repair for the Delta fire will take place	on all areas identified by READs	3.		
CONTROL OBJECTIVES Keep fire inside current Delta footprint.				
MANAGEMENT OBJECTIVES  • Provide for firefighter and public safety through the applica  • Manage incident costs effectively considering values at risk  • Maintain and strengthen cooperator, partner, and stakehole  • Conduct all suppression repair work in close coordination v	t. der relationships through clear co	ommunications and	I cooperation. the extent possible, when	safe to do so.
4. Operational Period Command Emphasis:			<u>au dissance de commence de commence de la commence</u>	
1) Identify Hazards 2) Assess Hazards 3) Make Risk Decisions 4) Implement Controls 5) Supervise and Evaluate				
General Situational Awareness:				
5. Site Safety Plan Required? Yes No X Approved Site Safety Plan(s) Located at:				
` <u>-</u> -	cluded in this Incident Action Pla			
☐ ICS 202 ☐ ICS 207	Other Attachr			
	x   CS 214	4 UNIT LOG		****
ICS 205A X Weather Forecast/Tides/C	urrents			
X ICS 206				
			9	
7. Prepared by: ALAN TAYLOR Position	/Title: PLANNING SECTION	N CHIEF Sign	nature:	
8. Approved by Incident Commander: Name:	SHAUN CRAIG	Sig	nature:	-
ICS 202 IAP Pa	age	Dat	e/Time: 10/10/2018 210	00



## Transitional 5-Day Weather Forecast



**5-DAY FORECAST** 

PREDICTION FOR: DAY SHIFT

SHIFT DATE: Oct 11, 2018

TIME/DATE ISSUED: Oct 10, 2018 1900 PDT

NAME OF FIRE: West Delta

UNIT: CA-SHF

**SIGNED:** Alex Hoon

Incident Meteorologist/

## WEATHER DISCUSSION: ...PLEASANT FALL WEATHER TODAY...

A weak trough continues to move through Northern California today, with clearing skies and near average temperatures today. Northeast flow will increase a little today with a few gusts near 20 mph today on the ridges. Dry air will allow for cold temperatures again for tonight in the valleys, especially around McCloud ICP with temperatures down near freezing. High pressure builds into the Pacific Northwest and Northern California after today. This will bring moderate off-shore flow (from the east/northeast), warmer temperatures, and very dry conditions for this weekend and into next week. These drier conditions will help to dry out fine fuels across the region, along with ERCs coming up to near average for this time of year by Friday.

## **WEATHER FORECAST FOR THURSDAY:**

**WEATHER:** Sunny.

CHANCE OF WETTING RAIN (>0.10"): 0%

MAX TEMPERATURES: 58-71°F. LITTLE CHANGE

MIN HUMIDITY: 23-30%. LITTLE CHANGE

20-FOOT WIND:

**SLOPE/VALLEY** - Northeast 5-8 mph. Upslope/Updrainage 3-6 mph in sheltered drainages.

RIDGETOP- East to Northeast 8-12 mph with gusts up to 20 mph.

HAINES INDEX: 3

THURSDAY NIGHT: ...COLD TONIGHT...

WEATHER: Clear and cold.

CHANCE OF WETTING RAIN (>0.10"): 0%

MIN TEMPERATURES: 39-49°F....except near 35°F at Coffee Creek ICP. LITTLE CHANGE

**MAX HUMIDITY:** 30-50% **DOWN 20%** 

20-FOOT WIND:

**SLOPE/VALLEY** - Downdrainage 2-4 mph.

RIDGETOP - Northeast 6-12 mph. Gusts to 20 mph.

EXTENDED FORECAST: ...WARMER AND DRIER INTO THE WEEKEND...

FRIDAY AND SATURDAY: Sunny. Max temps...66-80°F. Min RH 11-16%. Friday... East-Northeast 5-9 mph. Saturday... Northeast 8-12 mph with gusts to 20 mph.

SUNDAY AND MONDAY: Sunny. Max temps...66-80°F. Min RH 10-15%. Northeast 8-12 mph. Gusts 20 mph.

## Division/Group Assignment List (ICS 204 WF) Controlled Unclassified Information//Basic

1. Incident Name:						3.		5 (1)				
WEST DELTA						Branc	h:		Division/Group	:		
2. Operational Period:	DAY								WEST D	ELT	A 5	
Date/Time From:			/Time To:						DAY			
	THU	. 10/15	/2018 190	0 M	ION							
4.			1	Operations	Personne	Mark Company	NCH DIRE	CTOP				
OPERATIONS CH	IEF					DKA	NCH DIKE	CIOR				
DIVISION/GROUP SUPERVIS	OR							TFLD F	RAY UCHA			
5.	la Faren (	Т	Resou	ırces Assigr T	ned this F	eriod	Number	Ι				
Strike Team / Tas Resource Desiç		i:	LWD		Leader		Persons	Drop	Off PT./Time	Pic	k Up PT./Time	Э
HC2I TRUCKEE IHC (CA-TNF	C-146		10/23	SCOTT BU	RGHARD	DΤ	19	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	0
STEN O-909			10/17	OPAL L FU	LTON (T	)	1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	0
STEN3				ENF4, SHF SHF322, SI		333,		WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	0
WTS2 NOR CAL FIRE E-68°	1			PENDING	HF353			WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	0
WTS2 WILLMORE E-682			10/24	MICHELLE	ANDERS	SON	1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	10
WTS2 JUNGWIRTH E-683			10/24	STEPHEN	BOSWOF	RTH	1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	0
WTS2 WILLMORE E-684			10/24	BILL TORR	ES		1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	10
EXCA STONY CREEK E-52	7		10/17	MIKE MUR	DOCK		2	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	10
GRD NORTHSTATE EQUIP.	E-294		10/23	STEVE SAI	NDERS		1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	10
BHOE MARTIN BAILEY E-64	6		10/15	MARTIN BA	AILEY		1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	10
TFLD O-877			10/18	RAMON UC	CHA		1	WEAVI	ERVILLE/0800	WEAV	ERVILLE/190	10
HEQB O-855			10/17	MICHAEL E	BALIZAN		1	WEAVI	ERVILLE/0800	WEAV	ERVILLE/190	10
RES WILDERNESS MEDICS	(EMPF) E-67	7	10/17	CHAD POL	JLSEN		1	WEAVI	ERVILLE/0800	WEAV	ERVILLE/190	0
SOFR 0-713			10/13	JOHN STR	ICKLAND	)	1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	10
REAF O-828			10/15	CAROL A F	FIELDS		1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	10
REAF O-895			10/18	AYRES M	DICKS		1	WEAVI	ERVILLE/0800	WEAV	ERVILLE/190	00
REAF O-896			10/21	ALLEN SCI	HROEDE	R	1	WEAVE	ERVILLE/0800	WEAV	ERVILLE/190	0
REAF O-906			10/23	ERIK COR	DTZ		1	WEAVI	ERVILLE/0800	WEAV	ERVILLE/190	10
FOBS 0-768			10/13	HENRY J F	ALCON		1	WEAVI	ERVILLE/0800	WEAV	ERVILLE/190	0
8.			Division	/Group Com	municat	ion Sumi	marv					
Function	Channel	RXF	requency	<del>- i</del>	RX Tone	Т	TX Frequer	ncy N/W	TX Tone/NA0		Mode	
COMMAND	2		71.5750N		JSER SE		165.012		USER SELEC	Т	Α	
TACTICAL	7	1	68.0200 N	ı			168.020	00 N			Α	
CALCORD	13	1	156.0750N		TONE	6	156.07	50N	TONE 6		Α	
A/G	15	1	167.6000N				167.600	NOC			Α	
AIR GUARD	16		168.6250N		TONE		168,62		TONE 1	丄	Α	
9. Prepared By (Resource Un	it Leader)		Appro	ved By (Plar	nning Se	ction Chi	ief)		ate	Tir	ne	
JAY SHAFFER			ALAI	N TAYLOR				1	0/10/2018	2100	)	

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

1. Incident Name:		Controlled Uncl	lassilled intor	3.	/Dasic			
WEST DELTA				Brand	ch:		Division/Group:	
2. Operational Period:	DAY						WEST DI	ELTA 5
Date/Time From:		Date/Time To:					DAY	
	THU	10/15/2018 1900	MON					
4.		Орега	ations Personn					
OPERATIONS CH	IIEF			BRA	NCH DIREC	TOR		
DIVISION/GROUP SUPERVIS	GOR					TFLD	RAY UCHA	
5.		Resources	Assigned this	Period				
Strike Team / Tas Resource Desi		LWD	Leader		Number Persons	Drop	Off PT./Time	Pick Up PT./Time
6. Control Operations/Work A	Assignments:							
Patrol and mop up suffic     Continue fire suppressio     Back haul hose and exce  7. Special Instructions:	n repair in conjunc		sers.					
8.		T	ip Communical	T			TV T (NIAC	Mada
Function	Channel	RX Frequency N/W	RX Tone		TX Frequen		TX Tone/NAC	
COMMAND	2	171.5750N	USER SE	LEUI	165.012 168.020		USER SELECT	A
TACTICAL	7	168.0200 N 156.0750N	TONE	6	156.075		TONE 6	A
CALCORD	13 15	156.0750N 167.6000N	TONE	J	167.600		IONEO	$\frac{1}{A}$
A/G	16	168.6250N	TONE	1	168,625		TONE 1	A
9. Prepared By (Resource Un			ly (Planning Se				ate	Time
JAY SHAFFER		ALAN TAY			•	- 1	0/10/2018	2100

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

1. Incident Name:		Contro	ollea Un	classifie	ea intori	3.	Basic	4				
DELTA						Branc	h:		Division/Group	o:		
2. Operational Period:	DAY	99							DELTA \	WE	ST 5	
Date/Time From:		Date/Tim							DAY			
	ГНИ	10/15/201	8 1900	Th	<del>1</del> U							
4.			Ope	erations F	ersonne				es Planta de la company			
OPERATIONS CH	IEF					BRA	NCH DIRE	CTOR				
DIVISION/GROUP SUPERVIS	OR							TFLD	RAY UCHA			
		ı	Resource	s Assign	ed this P	Period		•				
Strike Team / Tasi		LW	<u></u>		Leader		Number Persons	Dro	p Off PT./Time	P	ick Up PT./Time	<b>.</b>
Resource Desig		10/		OTT BUF			19			ļ	VERVILLE/190	
HC2I TRUCKEE IHC (CA-TNF	·) C-146										VERVILLE/190	
STEN O-909		10/		PAL L FUI			1					
STEN3				\F4, SHF′ \F322, S⊦		33,		WEAV	'ERVILLE/0800	WEA	VERVILLE/190	.0
WTS2 NOR CAL FIRE E-68°	1		PE	NDING				WEAV	ERVILLE/0800	WEA	VERVILLE/190	0
WTS2 WILLMORE E-682		10/2	24 MI	CHELLE	ANDERS	SON	1	WEAV	ERVILLE/0800	WEA	VERVILLE/190	0
WTS2 JUNGWIRTH E-683		10/	24 ST	EPHEN E	BOSWOF	RTH	1	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	0
WTS2 WILLMORE E-684		10/2	24 BII	LL TORRI	ES		1	WEAV	ERVILLE/0800	WEA	VERVILLE/190	0
EXCA STONY CREEK E-52	7	10/	17 MI	KE MURI	оск		2	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	0
GRD NORTHSTATE EQUIP.	E-294	10/	23 ST	EVE SAN	NDERS		1	WEAV	ERVILLE/0800	WEA	VERVILLE/190	0
BHOE MARTIN BAILEY E-64	6	10/	15 MA	ARTIN BA	AILEY		1	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	0
TFLD O-877		10/	18 RA	AMON UC	HA		1	WEAV	ERVILLE/0800	WEA	VERVILLE/190	0
HEQB O-855		10/	17 MI	CHAEL B	BALIZAN		1	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	0
RES WILDERNESS MEDICS	(EMPF) E-677	10/	17 CF	HAD POU	LSEN		1	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	0
SOFR O-713		10/	13 JO	HN STRI	CKLAND	)	1	WEAV	ERVILLE/0800	WEA	VERVILLE/190	0
REAF O-828		10/	15 CA	ROL A F	TELDS		1	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	0
REAF O-895		10/	18 AY	RES M D	DICKS		1	WEAV	ERVILLE/0800	WEA	VERVILLE/190	10
REAF O-896		10/	21 AL	LEN SCH	IROEDE	R	1	WEAV	ERVILLE/0800	WEA	VERVILLE/190	0
REAF O-906		10/	23 EF	RIK CORI	DTZ		1	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	10
FOBS O-768		10/	13 HE	ENRY J F	ALCON		1	WEAV	'ERVILLE/0800	WEA	VERVILLE/190	10
8.		Div	rision/Gra	oup Com	municati	ion Sumi	mary					
Function	Channel	RX Frequ	ency N/V	v i	RX Tone/	'NAC	TX Frequer	ncy N/V	V TX Tone/NA	c	Mode	
COMMAND	2	171.5	750N	U	ISER SEI	LECT	165.012	25N	USER SELEC	т	Α	
TACTICAL	7	168.0	200 N		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- I	168.020	00 N			Α	
CALCORD	13	156.0	750N		TONE	6	156.07	50N	TONE 6		Α	
A/G	15	167.6	3000N				167.600	00N			Α	
AIR GUARD	16	168.6	3250N		TONE	1	168,62	50N	TONE 1		Α	
9. Prepared By (Resource Un	it Leader)	. A	pproved	By (Plan	ning Sec	ction Chi	ef)		Date	٦	ime	
JAY SHAFFER			ALAN TA	AYLOR				1	10/10/2018	216	00	

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

		Controlled L	Inclassified In		//Basic			
1. Incident Name:				3.		<u> </u>		
DELTA				Bran	ich:		Division/Group	
2. Operational Period:	DAY						DELTA V	VEST 5
Date/Time From:		Date/Time To:					DAY	
10/11/2018 0700 THU		10/15/2018 1900	THU				DAI	
4.		0	perations Perso	innel				
OPERATIONS CHIEF				BR	ANCH DIRE	CTOR		
							244410114	
DIVISION/GROUP SUPERVISOR						TFLD	RAY UCHA	
5.								
Strike Team / Task Fo	roo /	Resour	ces Assigned th	iis Periou	Number		T	
Resource Designat		LWD	Lead	эг	Persons	Dro	o Off PT./Time	Pick Up PT./Time
6. Control Operations/Work Assi	anments:					<u> </u>		
•	•							
Patrol and mop up sufficient	to maintain cont	ainment.						
Continue fire suppression re			Advisers.					
Back haul hose and excess of	equipment.							
7. Special Instructions:								
7. Special ilistructions.								
8.		Division/G	Group Communi	cation Sun	nmary			e de la companya de
Function	Channel	RX Frequency N	/W RX T	one/NAC	TX Frequer	ncy N/W	TX Tone/NAC	Mode
COMMAND	2	171.5750N		SELECT	165.012	25N	USER SELECT	A
TACTICAL	7	168.0200 N			168.020			A
CALCORD	13	156.0750N	тс	NE 6	156.075		TONE 6	A
A/G	15	167.6000N		<del>-</del>	167.600			A
	16	168.6250N	тс	NE 1	168,625		TONE 1	A
AIR GUARD			ed By (Planning			<del></del>	Date	Time
9. Prepared By (Resource Unit Le	auei j		TAVI OR	JUGUION OI	,	1	0/10/2018	2100

INCIDE	INCIDENT RADIO COMMUNICATIONS PLAN COMMAND	ICATIONS	DELTA CA-SHF-001444	IF-00144	4	Date/lime Prepared 10/9/2018 1	ale/lime Prepared	)	0700-2000
Only fred	quencies listed on t	Only frequencies listed on this 205 are authorized for us	d for use on this incident.	Hand b	rogramm	ers accept	all responsibil frequencies.	cles.	Hand programmers accept all responsibility for the use of unauthorized frequencies.
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone T	RX Tone TX Freq N or W	TX Tone	Mod	Remarks
2	Command	Shasta-Trinity Repeaters	All Divisions	171.5750 N Selected 165.0125 N	User selected	165.0125 N	User Selected	A	Select Rpt w/ tone indicated Bonanza King Rpt- Tone 1 Sugar Loaf Rpt- Tone 10 Grev Butte- Tone 6
7	TAC	NIFC T2	All Divisions	168.2000 N		168.2000 N		A	
- 6	CALCORD	CALCORD	ALL DIVISIONS	156.0750 N Tone 6	Tone 6	156.0750	Tone 6	4	MEDICAL EMERGENCY TACTICAL
5 £	A/G	A/G	ALL DIVISIONS	167.6000 N		167.6000 N		A	AIR TO GROUND Primary
2 4	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N	Tone 1	Tone 1 168.6250 N	Tone 1	A	EMERGENCY ONLY
Prepared by	, h	000	ŝ		Incident Location	Incident Location	4		
Arnie Irvir	Arnie Irvine, COML	11 12 11	0						

Prepared By: Doug Ledgerwood  $\mathcal{N}$ Prepared Date: 07 Oct, 2018

**AIR OPERATIONS SUMMARY** 

Prepared Time: 1830

				7								
1. INCIDENT NAME: Delta Fire	IDENT NAM Delta Fire	AME:		2. OPS PERIOI 11 Oct, 2018	PERIOD D. 2018	D DATE: 3	START TIME: 0830	E: END TIME: 1900		SUNRISE: 0716	SUNSET: 1835	<u> </u>
3. REMA Helicopte High tens	RKS (	3. REMARKS (Safety Notes, Hazards, Air Operations Sper Helicopter module to remain ready for 10 minute response. High tension power lines in fire area, review hazard map for l	<b>lazards, Ai</b> ady for 10 m area, reviev	r Operation ninute respo v hazard ma	is Special onse. ap for local	3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): Helicopter module to remain ready for 10 minute response. High tension power lines in fire area, review hazard map for locations prior to flight.		4. READY ALERT AIRCRAFT MEDEVAC - See Medical Plan ICP Medical Helispot:	T AIRCRAFT Medical Plan ispot:	5. TFR #: None		
SEE ANI	O AVO	SEE AND AVOID – there is no TFR on the fire.	o TFR on th	e fire.				41° 15.878' X 122° 07.596'	° 07.596'			
S DEDOONNE	MINIE	NAME	<u> </u>	PHONE #	7. FRE	FREQUENCIES	AM	FM	8. FIXED-V	8. FIXED-WING- Type/ Make-Model/ N#/	/ Make-Mo	del/ N#/
0. TENS					Air to Air	Air	124.5750		Base			
AOBD									AIRTANKERS- TBA	RS-TBA		
ASGS					Air to	Air to Ground		168.3375	LEAD PLA	LEAD PLANES- TBA		
									ATGS AIR	ATGS AIRCRAFT- TBA	Ą	
ATGS								· · · · · · · · · · · · · · · · · · ·				
HLCO/ATGS	\TGS											
H-506 Contact	ontac	t Josh Wilson		530-356-9892	Comn See C	Command See Communications Plan	u					
					DECK			163.1000				
					CALC	CALCORD tone guarded		156.0750 Tone 6 (156.7) Tx & Rx	യ ൂ			
					Air Guard	uard		168.6250 Tone 1 (110.9) Tx & Rx	← ,			
0 1111	Tao	O HELICODITERS (Lise Additional Sheets as Necessary)	ional Sheet	s as Necess	sary)					ŀ	F	DEMADIVE
Call	<u> </u>	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	Call TY Sign	MAKE/ MODEL	BASE	AVAIL	SIAK	(EIWARNS
5		1	1	0690	UBU	FII N205BT						
H-506	2	Bell 205A1+	Kedaling	0000	2000							
							+					

10. MISSIONS Water drops as needed.



## **Driving Safety**Vehicles/Roads Category

Driving is one of the most hazardous things we do because we literally perform the task hundreds of times in the course of our daily lives we tend to take it for granted. Based on recent accident trends, vehicle accidents are the source of more deaths and serious injuries to wildland firefighters than any other single cause.

- ◆ To be a safe driver you have to want to be one. Take a good hard look at your driving habits. Are you training yourself to do the right things the right way, like fastening your seat belt, checking your mirrors, and maintaining safe following distances?
- Inattentiveness is a major contributing factor in motor vehicle accidents within the wildland firefighting community. Since the average adult attention span is 15-20 minutes we must develop techniques that allow us to refocus our attention on our driving.
- Many things can lure our attention away from our driving such as: fatigue, eating and drinking, reading directions and maps, writing, cell phone and radio use, conversation within the vehicle and music.
  - ✓ Drive only when you are well rested and alert and avoid driving during the hours of 10:00 PM and 6:00 AM. Take a 10 to 15 minute break after every 2 hours.
  - ✓ Practice situational awareness; be aware of what is happening in front, behind, and on both sides of your vehicle.
  - ✓ Never drive when taking medications that make you drowsy.
  - ✓ Delegate navigation and communication to a passenger or pull over.
  - ✓ By constantly moving your vision, checking mirrors and distant road conditions, you can avoid highway hypnosis and daydreaming.
  - ✓ Avoid eating or drinking while driving.
  - ✓ When talking with passengers, keep your eyes on the road and both hands on the steering wheel. Avoid serious or argumentative conversations.
  - ✓ Switch off driving with others if multiple people are in the vehicle.
  - ✓ Do not be in a hurry, be patient.
- Safe driving starts with a safe vehicle. Something as simple as under-inflated tires can have serious consequences. Before operating any vehicle, do a walk-around to look for potential problems, make sure the lights and blinkers work, and adjust your seat and mirrors. If it is the first time you have driven the vehicle, make yourself aware of where everything is.

Resources: Engine Rollover: Lessons Learned Video, Vehicle Safety Poster

## **INCIDENT SAFETY ANALYSIS 215a**

West Delta Fire CA-SHF-001444 - October 11 - 15, 2018

	west beita	Fire CA-SHF-001444 - October 11 - 15, 2018
8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All Divisions	Hazard Trees	<ul> <li>Follow "Hazard Tree Safety" guidelines, IRPG page 22.</li> <li>Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>Establish trigger points for disengagement during high wind events.</li> <li>Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</li> </ul>
All Divisions	Chain Saw Operations	~ Follow "Hazard Tree Safety" guidelines, IRPG Pg 22
All Divisions	Heavy Equipment Operations	~ Refer to "Working with Heavy Equipment" IRPG Pg 86   ~ Ensure communications are established with operators.   ~ Use hand signals if other communications are unavailable.   ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber.   ~ Use a spotter when backing.   ~ Avoid working below heavy equipment.
All Divisions	Driving & Traffic	~ Practice "Defensive Driving" techniques traveling on all roads and city streets.  ~ Use spotters & Honk horn to alert personnel when backing.  ~ Follow Driving LCES (Lights, Chock blocks, Ernergency brake, Seat belts).  ~ Always use headlights.  ~ Yield to pedestrians and bicycles.  ~ Observe posted speed limits.  ~ Use the 3 second rule for following distance when driving.  ~ Use chock blocks, turn wheels into hill.  ~ Avoid distractions (eating, cell phones, radio).  ~ Ensure that windshields are kept clean of dust and bugs.  ~ Refer to "Smoke and Transportation Safety" IRPG Pg 31  ~ Refer to "Roadside Response Safety" IRPG Pg 26  ~Scout roads that are wet or muddy prior to committing  ~ Drive slower in wet conditions on paved roads.
All Divisions	Steep Terrain & Rolling Debris	Maintain 8'-10' spacing when working & walking.     Don't work above any personnel.     Be on the lookout for rolling rocks, debris, or burning material.     Evaluate necessity to send personnel in areas with limited access.     Post lookouts IRPG Pg 7
All Divisions	Fatigue & Over Exertion	<ul> <li>Drink 1 quart of water each hour during and after work.</li> <li>Rotate crews out of smoky areas.</li> <li>Set a reasonable work pace and allow adequate rest breaks while on the project.</li> <li>Stagger work crews start time to limit fatigue.</li> <li>Use buddy system to monitor personnel of heat related and fatigue issues.</li> <li>Follow work / rest guidelines.</li> </ul>
All Divisions	Fireline Hazards	~ Refer to "Fireline Location" considerations, IRPG Pg 84   ~ Do not work directly above or below personnel during firing and mop-up operations.   ~ Watch for falling and rolling debris on steep slopes.   ~ Alert crew personnel of rolling debris by yelling to affected individuals.   ~ Position debris that could roll vertically on slope.   ~ Avoid stepping over debris that could roll by walking around object.   ~ Use caution when working around stump holes/ash pits.   ~ Avoid radiant heat by wearing appropriate PPE correctly.   ~ Use correct tool for task assigned.   ~ Flag and isolate all HAZMAT and alert all personnel working in Division.   ~ Follow WUI recommendations, IRPG Pg 12.
All Divisions	Mop-up & Repair	<ul> <li>Do not work above or below personnel during rehab/mop-up operations.</li> <li>Alert crew personnel of rolling debris by yelling to affected individuals.</li> <li>Position debris that could roll vertically on slope.</li> <li>Wear eye protection.</li> </ul>
All Divisions	Communications	<ul> <li>Maintain communication with aviation resources, and suppression organization.</li> <li>Ensure all know frequency and protocol for contacting resources.</li> <li>Utilize the ICS 205.</li> <li>Utilize human repeaters when working in dead spots.</li> </ul>

## **MEDICAL PLAN (ICS 206 WF)**

1. In	cident/l	Project Name			2. Opera	tional Period				
Delta West			9		Date/Tir	me 10/11/18 to	10/15/18	}	0700-19	00
3. Ambulance Services						Phone	1			
Name			Location	l		& EMS Freque	ncy	Advar	nced Life S Yes	Support (ALS) No
Trinity County Life Support			Weavervill	le		911			х	
Coffee Creek Fire-rescue			Coffee Cred	ek		911				Χ
4. Air Ambulance Service	s									
Name			Phone			Ту	pe of Aire	craft & C	apability	
Reach/PHI 15 r	nin eta		911			Air Ambulance – F	Redding,	CA	Da	y/Night
Calfire H-202 40 r	nin eta		911			Hoist Rescue- Bie	ber, CA		Da	y only
CHP 15 n	nin eta		911			Hoist Rescue - Re	edding, C	Α.	Da	y only
5. Hospitals										
Name & Level	1	GPS Datum - egrees Decin		Trav Air	el Time Gnd	Phone	Heli <sub>l</sub> Yes		A	ddress
Trinity Hospital	Lat:	N40°44		– N/A	60	530-623-5541	х		60 E	aster Ave.
Level 4	Long VHF:	: W122°	56.384	-	min				Weav	verville, CA
Mercy Medical Center -	Lat:	N40°34		20	80		х		2175 R	oseline Ave.
Level 2 Trauma	Long VHF:	: W122°2	23.80	min	min	530-225-7201 (ER)				lding, CA
Mercy Medical Center Mt.	Lat:	N41°19		15	50	530-244-5353	х		914	Pine St
Shasta Level 3 Truma	Long	: W122°1	9.203	min	min	(ER)				hasta, CA
AND	VHF:									
UC Davis Level1 Trauma/Burn Center	Lat: Long: VHF:	N38°33 : W121°2		1 hr	3.5 hrs	916-734-3636 916-734-3790	x			ockton Blvd. mento, CA
	1						ll			
6. Division / Crew Pre-plan		e and discus	s with assigne	d resour	ces daily		,			
Crew EMTs & Equipment Fireline EMTs & Location				····		W				
Adv. Life Support?										
Air Hoist site:										
Lat: / Long:										
Helispot: Lat: / Long:										
Alternate no-fly plan:				***************************************						
7. Remote Aid Stations										
		Point of Co	ntact:							
		EMS Respo	nders & Capab	oility:						
			Available on S	ite:						
		Ambulance Point of Co								
			ntact: Inders & Capab	.ili4						
			Available on S		-	······································				
		Ambulance	· · · · · · · · · · · · · · · · · · ·				····			
8. Prepared By (Medical Un	it Leade		9. Date/Tim	ne l	10. R	eviewed By (Safety (	Officer\		11	. Date/Time
Josh Ramey- MEDL		•	10/10/18 143			Courtright - SOF2		······································		10/18 1430
Pete Nelson- MEDL(t)		and the second second				1	, , 1		.5/	
Joshua Ram						artes out	$\frac{1}{2}$			
					•		<i>'</i>			

## MEDICAL PLAN (ICS 206 WF)

			-	
	Medical Incid	dent Report		
			OR "NON-EMERGENCY MEDICAL TRANSPORT eatening request designated frequency be cleared for	ייין
2. INCIDENT STATUS: Provide incident summary (including na falling tree. Requesting air ambulance medical care."	umber of patients) and command structu e to Forest Road 1 at (Lat. / Long.) This v	reEx: "Communica vill be the Trout Mea	ations, I have a Red priority patient, unconscious, struck adow Medical, IC is TFLD Jones. EMT Smith is providing	b)
S	EVERITY		TRANSPORT PRIORITY	
☐ URGENT-RED Life threatening in Ex: Unconscious, difficulty breathing, ble heat stroke, disoriented.	njury or illness. eding severely, 2° – 3° burns more than 4 paln		or MEDEVAC helicopter. Evacuation need is <b>E.</b>	
PRIORITY-YELLOW Serious Inju Ex: Significant trauma, not able to walk sizes.	ry or illness. x, 2° – 3° burns not more than 1-2 palm	Ambulance or <b>DELAYED.</b>	or consider air transport if at remote location. Evacuation may be	
ROUTINE-GREEN  Not a life threatening injury or illness. Exillness.	c: Sprains, strains, minor heat-related	1 -	ency. Evacuation considered  Convenience.	
Nature of Injury or Illness & Mechanism of Injury			Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)	
Transport Request			Air Ambulance / Short-Haul/Hoist/ Ground Ambulance / Other	
Patient Location			Descriptive Location & Lat. / Long. (WGS8	14)
Incident Name			Geographic Name + "Medical" (Ex: Trout Meadow Medical)	
On-Scene Incident Commander			Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)	
Patient Care			Name of Care Provider (Ex: EMT Smith)	
3. INITIAL PATIENT ASS	ESSMENT: Complete this section for each	h patient. Start with most	st severe.	
Patient Assessment: (See IRP	G page 106)	Treatment:		
4. TRANSPORT PLAN:				
Patient's ETA to Evacuation Loc		c.) or Lat. / Long.)		
Helispot / Extraction Site Size a				
5. ADDITIONAL RESOUR				
	ŒD/Backboard/C-Collar ☐ Crew(s) edication(s) ☐ IV/Fluid(s) scue, wheeled litter)	☐ Burn Supplies ☐ Cardiac Mon		
6. COMMUNICATIONS: - Run Medical Emergency	on Command - Co	oordinate with ai	ir ambulance on CALCORD tone 6	
7. CONTINGENCY: Considerations: If primary options fail, w	hat actions can be implemented in conju	nction with primary e	evacuation method? Be thinking ahead.	
8. ADDITIONAL INFORM	ATION: Updates / Changes, etc.			

-Confirm ETA's of resources ordered -Act according to your level of training - If air or ground ambulance is DELAYED: Package and transport patient to rendezvous with incoming Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

REMEMBER:



## TRAINING SPECIALIST MESSAGE

## ALL TRAINING DOCUMENTATION PACKAGES MUST BE "CLOSED OUT" WITH THE TNSP NO LATER THAN OCTOBER 11, 18:00 HOURS.

BRING THE FOLLOWING TO THE TRAINING CLOSEOUT:

- COMPLETED WORK IN YOUR TASK BOOK
- COMPLETED PERFORMANCE EVALUATION ICS 225 or 226

FORMS ARE AVAILABLE AT THE TRAINING
DESK

**GREG KURTZ TNSP** 

## **Delta-Hirz Fire Suppression Repair**

## Repair Objectives

- Minimize Surface and Gully Erosion
- Minimize Loss of Soil Productivity due to Erosion In Cleared Areas
- Repair Meadows and Wetlands Damaged By Suppression Activities
- Minimize Spread of Noxious Weed Infestations
- Minimize Excessive Side-Cast Fuels Along Roads
- Minimize Impacts to Inventoried Roadless Areas and Wild & Scenic River Corridors
- Repair Impacts to Cultural and Historic Resources
- Repair Damage to National Forest Roads and Trails Caused by Fire Suppression Activities
- Review by Agency READ/REAFs for On-Site Verification of Objectives Completed

## Suppression Repair Focus

- Dozer Lines
- Hand Lines
- Roads and Trails
- Safety Zones and Staging Areas
- Drop Points
- Helispots
- Water Sources

## **Effective Waterbars**

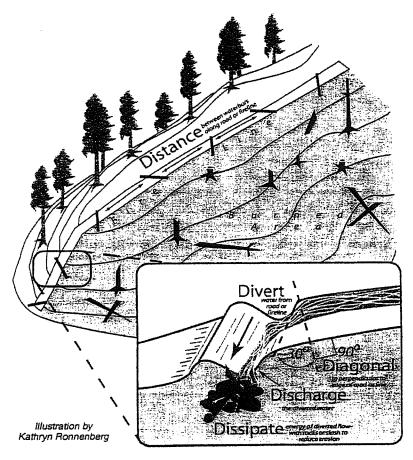
When locating and building water bars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

## Recommended spacing for waterbars on firelines.

Fireline slope %		Maximum Distance Apart <u>(feet)</u>
1 – 5	*	200
6 – 20		125
21 – 40		60
41 – 60		40
>60	***************************************	25

Waterbars should be at least 2 pulaski (4-6 inches) widths wide and 12-24 inches high for handlines.

Waterbars should be no more 2-3 feet tall on dozer lines to enable future access.



# Stage 2 Suppression Repair Guidelines

(Apply to National Forest System Lands only on dozer lines with moderate to heavy suppression generated debris)

# Applicable Suppression Repair Plan Objectives

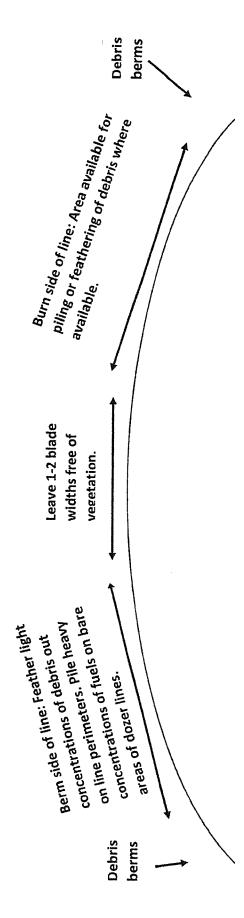
- Minimize loss of soil productivity due to potential erosion in cleared areas.
- Minimize surface erosion.
- Minimize excessive side-cast fuels.

## General Instructions

- Pile excessive amounts of suppression generated debris.
- Smaller concentrations of suppression generated debris can be feathered back into scraped side slope areas in order to breakdown fuel concentrations and reduce erosion.

## Piling Specifications

- Piles should be located at least 10 feet away from tree boles and preferably out of the drip line of the canopy where possible.
- If working in close or closed canopy piles should be built in a configuration that prevents excessive tree scorch (e.g. small piles, windrowed piles).
- If working in large openings on large dozer lines piles can be larger (e.g. 25x25 feet).
- Compress piles as much as possible to improve burn consumption.
- Piles should be clean (free of soil) to ensure adequate consumption during burning and reduced risk of escape in spring.



## 10/11/2018 TENTATIVE RELEASE HIRZ US-CA-SHF-001223

## EQUIPMENT

E-470 0700 (MEC) RODNEY BARNES E-691 0700 (GRD) WYEAST FORESTRY E-663 0800 (DOZ2) DARRAH LOGGING E-690 0800 (GRD) CORWIN COMPANY E-286 1300 (WEED) XTREME WILDLAND, INC - 625 –

> 10/11/2018 TENTATIVE RELEASE DELTA US-CA-SHF-001444

## **CREWS** C-114 0700 (CC) CREW - CAMP - FORTUNA 4 EQUIPMENT E-486 0700 (EXCA) STONEY CREEK E-543 0700 (ES3) STEN - 3660C (CA-PNF) E-558 0700 (ENG3) PNF E-330 E-564 0700 (DOZ2) ANGICO E-571 0700 (STK) JOHN R. EILER E-572 0700 (PU) EILER, JOHN R E-583 0700 (TRLR) MOBILE SLEEPER UNIT - SPECIAL E-597 0700 (ES3) S/T - SQF - 5650 C E-599 0700 (TRLR) MOBILE SLEEPER UNIT - SPECIAL E-490 0800 (GRD) JANC CONSTRUCTION E-522 0800 (EXCA) DIAMOND RING RANCH E-526 0800 (EXCA) MORRISON, INC E-610 0800 (ENG6) GRAYBACK FORESTRY E-611 0800 (ENG6) CMS - 43F52 E-569 1200 (AMBU) MOUNTAIN MEDICS E-626 1200 (STK) SIERRA EARTHWORKS E-660 1200 (MISC) MOUNTAIN MEDICS E-662 1200 (REF) REFRIGERATOR TRAILER - T3 -E-680 1200 (STK) SHASTA LAKE RD STAKESIDE E-648 1400 (GEN) UNITED RENTAL E-649 1400 (GEN) UNITED RENTAL E-505 1730 (AMBU) MOUNTAIN MEDICS E-545 1800 (DOZ2) NORTHWESTERN FIRE SUPPORT 10/11/2018 **TENTATIVE RELEASE** DELTA US-CA-SHF-001444 OVERHEAD O-750 0000 (PIO2) QUINN, SAMANTHA O-751 0600 (PIOF) COOR, GRANT DONAVON O-651 0700 (RADO) FORD, JEREMIAH L O-748 0700 (SOFR) HOWELL, SAGE O-694 0700 (TFLD) LEYVA, ARLANDO O-786 0700 (SOFR) MAGUIRE, TROY AL O-381 0700 (READ) MEYERS, NICK I O-789 0700 (RADO) MUNARSKI DEXHEIMER, FLAVIA G O-785 0700 (TFLD) OGILVIE, CHRIS O-692 0700 (TFLD) POTTER, ERIC L O-747 0700 (SOFR) SANDBORG, BILL O-774 0700 (FACL) WHITEHURST, MISTY O-728 0800 (TFLD) GRAVES, CHRISTOPHER J O-821 0800 (FMOD) QUINNS O-754 1000 (TIME) WAGNER, BRANDY O-901 1200 (EQPM) LINDQUIST, BENJAMIN T O-734 1200 (ORDM) SHACKELFORD, FRONNIE J O-675 1700 (MEDL) ABEL, FRANK O-770 1800 (EMTP) CHRISTY, JULIAN O-773 1800 (EMTF) MACIAS, BRIAN O-865 1800 (MEDL) NELSON, PETER

O-886 1800 (MEDL) RAMEY, JOSH O-376 1800 (HMGB) WILBER, ROYCE P

## **ACTIVITY LOG (ICS 214)**

1. Incident Name:			2. Operational Period:	Date From	n: Date To:	
			Time Fron			
3. Name:		4. IC	S Position:		5. Home Agency (and Unit):	
6. Resources Assi	gned:			<u>l</u>	The state of the s	
Name			ICS Position		Home Agency (and Unit)	
					The state of the s	
7. Activity Log:			BANGARAN AND AND AND AND AND AND AND AND AND A		MANUFACTOR OF THE STATE OF THE	
Date/Time	Notable Activities					
	100000000000000000000000000000000000000					
				~~~~		
				······		
			***************************************	, , , , , , , , , , , , , , , , , , ,		
**************************************						
		***************************************				
O Dramaucil has No			Desition/Title		Cinnahura	
8. Prepared by: Name:		Position/Title:				
ICS 214, Page 1		Date/Time:				

## **ACTIVITY LOG (ICS 214)**

1. Incident Name:		2. Operational Period:	Date From:	Date To:
			Time From:	Time To:
7. Activity Log (co	ntinuation):			
Date/Time	Notable Activities			The will desire the second sec
		······································		
		V. V 2 - V.		
	***************************************	***************************************		
		the state of the s		
, ,		The state of the s		
		MANUAL III.		
		***************************************		
_				
		**************************************		
		The second secon		***************************************
			***	
			,,,,,,	
78				
				A CONTRACTOR OF THE CONTRACTOR
~~~	And the state of t	W.		
8. Prepared by: Name:		Position/Title:	Sigi	nature:
ICS 214, Page 2		Date/Time:		