ANGORA INCIDENT INCIDENT ACTION PLAN SATURDAY DAY SHIFT JUNE 30, 2007



CITIZENS OF LAKE TAHOE

LAKE VALLEY FIRE PROTECTION DISTRICT

SOUTH LAKE TAHOE FIRE DEPARTMENT

LAKE TAHOE BASIN MANAGEMENT UNIT

CALIFORNIA INTERAGENCY INCIDENT MANAGEMENT TEAM 1

		1. Incident Name		2. Date Prepared	2. Date Prepared 3. Time Prepared						
	Incident Objectives		ANGORA	06/29/07	2309						
4. Ope	rational Period 06/30/07	Saturday	Day Shift 0600 - 1800								
5. Gene	eral Control Objectives for the incident	(include alterna	tives)								
Protec	ct Life and Property.										
Strategic Objectives: - Continue to inform communities of current situations. - A strong emphasis on cost containment, focusing on efficiency and effectiveness of all suppression efforts. - Protect natural and cultural resources - coordinate planned actions with resource advisors. - Continue repair of suppression related damage.											
Tactical Objectives: - Keep the fire West of Lake Tahoe Blvd. - Keep the fire South of Highway 89. - Keep the fire East of Fallen Leaf Lake Road and Wilderness. - Keep the fire North of Echo Peak and Highway 50.											
6. Wea	ther Forecast for Period										
	pot Weather forecast.										
Кеер а	7. General Safety Message Keep a high level of situational awareness in the urban interface: electrical issues, propane, unknown hazards, traffic, both private and emergency. Watch out for SNAGS, hazard trees and power poles.										
8.	Atta	chments (mark i	f attached)								
Z	Organization List - ICS 203	Incident Map	[✓ Training Specialis	st Message						
/	Div. Assignment Lists - ICS 204	Safety Messa	age (Fire Weather For	ecast						
/	Communications Plan - ICS205	Traffic Plan	(Fire Behavior							
Z	Medical Plan - ICS 206] Unit Log ICS	214 [
Z	Air Operations Summary - ICS 220	Human Reso	esource Message								
9. Prep	pared by (Planning Section Chief)		10. Approved by (Incident	Commander)							

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ORGA	NIZATION ASSIGNMENT LIST					
Incident Name						
Angora (C	A-TMU-011011)					
2. Date	3. Time					
06/29/07	1630					
4. Operational Period	·					
06/30/07 060	0 - 1800					
Position	Name					
5. Inciden	t Commander and Staff					
Incident Commander (Unified Command)	Rich Hawkins – USFS, Lorenzo Gigliotti – City of South Lake Tahoe, Jeff Michael – Lake Valley Fire Protection District					
Deputy	Jerry McGowan					
Safety Officer	Jennifer Boyd, L. Szczepanik, C. Hanley, M. Tanzi, K. Kumpe (T), S. Husari					
Information Officer	Chuck Dickson, T. Christofferson					
LE Liaison Officer	Todd Crawford					
6. Agency	Representative					
Agency	Name					
Agency Administrators	Terri Marceron, Forest Supervisor, TMU Eli llano, Deputy Forest Supervisor, TMU					
Resource Advisor(s)	Richard Vacirca					
CalFire	Mary Huggins/Kelly Keenan					
OES	Dave Powell, Bill Bondshu					
7.	Planning Section					
Chief	Gary Montgomery					
Deputy						
Resources Unit	J. Roberts, R. Mustatia (T), E. Ernst (T)					
Situation Unit	Todd Edwards / Gabe Schultz (T)					
Documentation Unit	Kim Sone					
Demobilization Unit	Melody Fountain					
Technical Specialists						
Human Resources	Clifford Ligons					
Training	Julie Buel, Brian Power, Dominic Panno					
GIS Spec. Tech.	C Yamagiwa, S Conway, C Christofferson					
IMET	Jim Wallmann					
CTSP	Jim Ott					
FBAN	Kelly Martin					
8.	Logistics Section					
Chief	Dan Turner, Rich Davis (T)					
Deputy	Jim Hogg					
Supply Unit Ordering	Dennis Bouslaugh Jeff Carter					
Facilities Unit	Greg Moon / Tim Gardner					
Ground Support Unit	Dave Trussel, David Corral (T)					
Medical Unit	Michael Clemens					
Communications Uni	Kody Kerwin					
Receiving & Distributi						

1	Food Unit Ja	y Westlake							
ľ	9. Op	erations Section							
	Chief	Geoff Wilford							
	Planning Ops	Ranger Dorn							
		- Division/Groups							
	Branch Director	Mark von Tillow							
	Deputy								
	Division/Group A/B	Larry Turman/ Debbie Walls (T)							
	Division/Group C	Eric Nelson							
	Division/Group D	Robert Bertolina							
	11. Branch II -	Division/Groups							
	Branch Director	Pete Duncan							
	Division/Group E	Val Linch, Joe Tyler (T)							
	Division/Group S	Bill Bryant							
	Division/Group V	John Flores							
	Division/Group Y	Ed Merrill							
	Staging								
	12. Law E	Branch							
	Branch Director	Todd Crawford							
	Deputy								
	Reha	ab Branch							
	Branch Director	Bob Moore							
	Division/Group	Tom Raw							
	Division/ Group								
	Damage /	Assessment Branch							
	Branch Director	Ethan Foote							
	Division/Group	2.1.3.1.7.66.6							
	Division/Group								
	Air Operations	l Branch							
	Air Operations Branch Director	Kent Haskins, Jerry Disney							
	Air Attack Supervisor	Russ Gripp							
	Air Support Supervisor	Jason Nava							
	Helicopter Coordinator								
	Air Tanker Coordinator								
	Fina	ance Section							
	Chief	Laurie Beck, Robbin Ekman							
	Deputy								
	Time Unit	Teresa Reniff, Kathy O'Hara							
	Procurement Unit	Paulette Gordon							
	Compensation/Claims Unit	Mona Lake							
	Cost Unit	Joan Disney							
l		1 July 1 July 1							

ICS 203 NFES 1327

Fire Weather Forecast

FORECAST NO: 10 NAME OF FIRE: Angora

PREDICTION FOR: Saturday SHIFT Day UNIT: CA-TMU

SHIFT DATE: 6/30/07 0600-1800 **SIGNED**:

TIME AND DATE

Jim Wallmann/Andy Church (T)

FORECAST ISSUED: 2130 6/29/07 Incident Meteorologist

<u>WEATHER DISCUSSION:</u> An upper-level low pressure over the Pacific Northwest will continue to lift northeastward into the northern Rockies. Light winds with warmer temperatures are expected today. Afternoon minimum humidity is expected to be about 5% lower than Friday's minimums. Breezy southwest winds are anticipated for Sunday afternoon along with low afternoon humidity.

WEATHER FORECAST:

WEATHER: Mostly sunny.

TEMPERATURES: MAX 75-79 at 6300 feet. 72-75 at 7200 feet. 3-4 degrees warmer than Friday.

HUMIDITY: MIN 18-23% all elevations – 5% lower than Friday.

20-FOOT WINDS: All Elevations: Upslope 3-6 mph in the morning becoming southwest to 5-10 mph after 1200

with a few gusts to 20 mph in the afternoon.

LAL: 1 CWR: 0% Haines Index: 4

STABILITY/INVERSION: Low-level valley inversion around 1000 feet AGL breaking around 1200.

SATURDAY IA FORECAST FOR THE TAHOE BASIN:

WEATHER. SUNNY.

TEMPERATURE MAX 75-80 around 6500 feet. 65-73 above 7500 feet 3 DEGREES WARMER.

HUMIDITY MIN 18-23% all elevations – 5% lower than Friday.

20-FOOT WINDS: Slope/Valley: Upslope 3-6 mph in the morning becoming southwest to 5-10 mph after

1200 with a few gusts to 20 mph in the afternoon.

Ridges: Southwest 5-15 mph with gusts to 25 mph along ridges (~8500 ft MSL).

HAINES INDEX 4.

LAL 1. CWR 0%.

EXTENDED FORECAST (Winds are for average afternoon conditions):

SUNDAY 7/1 MONDAY 7/2

WEATHER: Sunny. **WEATHER:** Sunny.

TEMP: Max: 77-83 **RH:** Min: 13-17% **TEMP:** Max: 79-84 **RH:** Min: 11-16%

Min: 42-52 Max: 40-55% Min: 44-54 Max: 35-50%

WINDS: S-SW 10-15 mph with gusts 25 mph WINDS: Slope: S-SW 10-15 mph gusts 25 mph

LAL: 1 CWR: 0% HAINES: 5 LAL: 1 CWR: 0% HAINES: 5

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 09 FIRE: ANGORA FIRE

OPERATIONAL PERIOD: Day, Saturday, June 30, 2007

DATE ISSUED: 06/29/2007 TIME: 2100

UNIT: USFS Lake Tahoe Basin MU | SIGNED: /s/ Kelly Martin - FBAN

WEATHER SUMMARY: See attached Fire Weather Forecast for details.

FIRE BEHAVIOR HAS DIMINISHED GREATLY DUE TO TREMENDOUS EFFORTS TO CONTAIN

AND SUPPRESS OPEN FLAME

MIN RH: 18-23% DOWN 5% SLIGHTLY FROM YESTERDAY

MAXIMUM TEMP: 72-75 SLIGHTLY HIGHER THAN YESTERDAY WINDS (20 FT): SSW5-10G20 WINDS WILL NOT BE AS STRONG AS

YESTERDAY

GENERAL FIRE BEHAVIOR: Fire behavior has greatly diminished but the potential will continue to be extreme. Any new start outside the fire area has the potential to grow rapidly

What to watch for today:

1 – Deep hot stump holes that have shallow roots that are still burning

PERIMETER: Heat is still detected along the line but is now confined to stump holes, cat-face snags and some residual heat that is burning out in heavy compacted needle and duff layers. Much of the fire perimeter has burned out completely due to extremely dry duff and litter layers that has been completely consumed.

INTERIOR: Significant smokes will still be detected interior and pose a minimal threat to the line due to limited spotting potential. These large smokes will be located in areas that are difficult for firefighters to access and consist of large logs and deep stump holes. Interior torching has significantly reduced due to lack of ground fuels available to burn to initiate torching.

FIRE DANGER RATING FOR TODAY: VERY HIGH

BURNING INDEX:33 ENERGY RELEASE COMPONENT:44 IGNITION COMPONENT:37

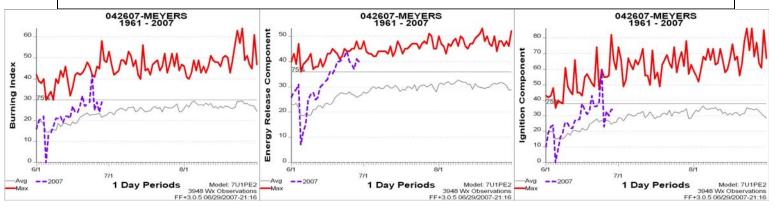
PROBABILITY OF IGNITION: 62%

FINE DEAD FUEL MOISTURE: **5% (50% shading from the sun)**SINGLE TREE TORCHING SPOTTING DISTANCE: **1/3 OF A MILE**

AIR OPERATIONS: Slight inversion lifting around 1200

SAFETY: HOT STUMP HOLES AND GREEN FIRE WEAKEN SNAGS!

ON SITE WEATHER OBSERVATIONS: Please take note of any unique observed fire behavior that you see along the line or interior.



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3. Incident Name	GORA		4. Operational F		7 ^	4 1 -	D Ob'ff 0000 4	000			
	GONA			06/30/0		aturday	Day Shift 0600 - 1	800			
5.			Operation								
Operations Chief	GEOFF WILFORD							LARRY TURMAN-DEBBIE WALLS(T)			
	RANGER DORN (T	<u> </u>		Air Attac		visor		KENT HASKINS			
Branch Director	MARK von TILLOV	/		Safety C	Officer		SUE HUSARI				
6.			Resources As	signed t	nis Peri	od					
Strike Team/Task Force/	Resource Designator		Leader			Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time			
CREW - T1 - TAHOE II	HC	RICK	A. COWELL		20	N	DP 5 - 0600	1800			
CREW - T2 - HAPPY C	CREW - T2 - HAPPY CAMP CREW 2				20	N	DP 5 - 0600	1800			
ENGINE S/T - T3 - 361	DOUG	HOWORTH		27	N	DP 5 - 0600	1800				
ENGINE S/T - T3 - 463	HOAF	RD		25	N	DP 5 - 0600	1800				
WT - T3 - KNF #41			N		2	N	DP 5 - 0600	1800			
FELB		MARK GERWE			1	N	DP 5 - 0600	1800			
EMTP		BELLI	ECI		1	N	DP 5 - 0600	1800			
EMTP		TRAV	IS ROBINSON		1	N	DP 5 - 0600	1800			
7. Control Operations		•				<u>'</u>					

2. Division/Group

A/R

- Mop-up 400 feet from the line and structures where possible.

Division Assignment List

- Snag in 600 feet.

- Resource Advisors include B. Garrett, K. Kozloski Contact Division when entering and leaving.
- Damage Assessment personnel will contact Division Supervisors when working within the Division.
- When practical, flush cut to ground level all stumps from felled trees.
- In the event of a fuel spill or discovery of toxic material on NFS lands, contact communications at ICP to notify safety.
- Start water bar construction on all handlines See water bar specs.
- All vehicles de-mobed must be washed. Washing station located at Lake Tahoe Blvd. and "C" Street.
- All helicopter tanks and buckets to be flushed with 3% bleach/water mix

9.	Division/Group Communications Summary										
Function	Frequency - RX	Frequency - T	X Tone	System	Channel	System	Channel				
Command	168.1000 N 170.450		N		8						
Tactical Div/Group 168.0500 N 168.050			N		1						
Logistics											
Air to Ground 166.3375 N 166.337		166.3375 N	١		6						
Prepared by (Reso	ource Unit Leader)	A	pproved by (Planning S	Section Chief)	Date Prepa	ared Tim	e Prepared				
R. Mustatia (T),	E. Ernst (T)				06/2	29/07	2211				

Division As	signment List							C			
Incident Name AN	GORA		4. Operational F	Period 06/30/0)7 Sa	aturday	Day Shift 0600 - 1	800			
5.			Operation				,				
Operations Chief	GEOFF WILFORD			Division	Group S	Superviso	or ERIC S NELSON	RIC S NELSON			
Operations Chief	RANGER DORN (T)		Air Attac	k Super	visor	KENT HASKINS				
Branch Director	MARK von TILLOW			Safety C	Officer		BRIAN MEUSER				
6.			Resources Assigned this Period								
Strike Team/Task Force/	Resource Designator		Leader	-	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time			
CREW - T2 - MOUNTA	INEERS	TOM \	WESLEY		20	N	DP 8 - 0600	1800			
ENGINE S/T - T3 - 560	BILL L	OUCKS		27	N	DP 8 - 0600	1800				
EMT	TELF	ΞR		1	N	DP 8 - 0600	1800				
EMT	HOPV	VOOD		1	N	DP 8 - 0600	1800				
7. Control Operations	od - Pool - John of										

2. Division/Group

- Mop-up 400 feet from the line and structures where possible.
- Snag in 600 feet.

- EMT's Telfer and Hopwood assigned to Divisions C/D.
- Damage Assessment Personnel will contact Division Supervisors when working within the Division.
- Resource Advisors include A. Lorincz and I. Turner contact Division when entering and leaving.
- When practical, flush cut to ground level all stumps from felled trees.
- In the event of a fuel spill or discovery of toxic material on NFS lands, contact communications at ICP to notify safety.
- Start water bar construction on all handlines See water bar specs.
- All vehicles de-mobed must be washed. Washing station located at Lake Tahoe Blvd. and "C" Street.
- All helicopter tanks and buckets to be flushed with 3% bleach/water mix

9.	Division/Group Communications Summary											
Function	Frequency - RX	Frequency -	- TX	Tone	System	hannel	Syst	em	Channel			
Command	168.1000 N	170.4500	N				8					
Tactical Div/Group	173.9125 N	173.9125	5 N				3					
Logistics												
Air to Ground	Ground 166.3375 N 166.33						6					
Prepared by (Reso	ource Unit Leader)		Appro	oved by (Planning S	<u> </u>	Date Prepared		Time	Prepared			
R. Mustatia (T),	E. Ernst (T)						06/2	29/07		2214		

Division As	oian moontlist		1. Branch				2. Division/Group	•				
	signment List							<u>D</u>				
Incident Name ANG	GORA		4. Operational F	Period 06/30/0	7 Se	aturday	Day Shift 0600 - 1	800				
5.					s Personnel							
Operations Chief	GEOFF WILFORD		Operation		Division/Group Supervisor ROBERT BERTOLINA							
Operations Chief	RANGER DORN (T	١		Air Attac			KENT HASKINS	114/3				
Branch Director	MARK von TILLOW	<u> </u>		Safety C		V1001	DOUG MCKELVEY	/ KENIKIIMDE /T\				
	IVIAITIT VOIT TILLOVV		D			a al	DOOG WICKEEVE	, KLIV KOWII L (1)				
6.			Resources As	ssignea t	Num of							
Strike Team/Task Force/	Resource Designator		Leader		Pers.	Y/N	Drop Off PT./Time	Pick Up PT./Time				
CREW S/T - T2 - ANGO	ORA #3					N	DP 9 - 0600	1800				
ENGINE S/T - T3 - 363	0C	HILL,	JIM		25	N	DP 9 - 0600	1800				
EMT		TELF	ΞR		1	N	DP 9 - 0600	1800				
EMT		HOPV	VOOD		1	N	DP 9 - 0600	1800				
7. Control Operations						-						
- Mop-up 400 feet from	the line and structu	res wh	ere possible.									

- Snag in 600 feet.

- Exercise good situational awareness around Hwy 89 as it will be open.

- Exercise good situational awareness around rwy os as it will be open.
 EMT's Telfer and Hopwood assigned to Divisions C/D.
 Crew S/T Angora #3 Elk Mtn & Smith River
 Resource Advisors include S. Parsons Contact Division when entering or leaving.
 Damage Assessment personnel will contact Division Supervisors when working within the Division.
- When practical, flush cut to ground level all stumps from felled trees.
 In the event of a fuel spill or discovery of toxic material on NFS lands, contact communications at ICP to notify safety.
- Start water bar construction on all handlines See water bar specs.
- All vehicles de-mobed must be washed. Washing station located at Lake Tahoe Blvd. and "C" Street.
- All helicopter tanks and buckets to be flushed with 3% bleach/water mix.

9.	Division/Group Communications Summary											
Function	Frequency - RX	Frequency -	·TX	Tone	System	Channel	Syst	tem	Channel			
Command	168.1000 N	170.4500	N			8						
Tactical Div/Group	168.6000 N	168.6000	N			2						
Logistics												
Air to Ground	Ground 166.3375 N 166.33					6						
Prepared by (Reso	ource Unit Leader)		Appro	ved by (Planning S	Date Pr	epared	Time	Prepared				
E. Ernst (T)						0	6/29/07		2216			

Divisio	on Ass	signme	nt List		II			E			
3. Incident Name	ANC	GORA		4. Operational F		Satur	day Day	y Shift 0600 - 1			
5.				Operation	ns Personnel						
Operations Chief		GEOFF \	WILFORD		Division/Grou	p Supe	ervisor VAL	LINCH, JOE 7	YLER	(T)	
Operations Chief		RANGEF	R DORN (T)		or KEN	KENT HASKINS					
Branch Director		PETE DU	JNCAN		Safety Officer		DOL	DOUG MCKELVEY, KEN KUMPE (T)			
6.				Resources Assigned this Period							
Strike Team/Tas	k Force/ l	Resource [Designator	Leader	Num Pers	of Tra		Off PT./Time	Pic	ck Up PT./Time	
CREW - T1 - SII	ERRA F	HOTSHO	TS JOR	DAN, KENNETH	1 2	20 N	l DI	P 7 - 0600		1800	
CREW - T1 - PL	UMAS	HOTSHO	DTS SEV	ELSON, JACK	2	21 N	l DI	P 7 - 0600		1800	
CREW - T1 - KL	AMATH	HOTSH	OTS CLE	M, JOHNNY	2	21 N	l DI	P 7 - 0600		1800	
TFLD ANGORA	#1					N	l DI	P 7 - 0600		1800	
WT - T2 - SWR	#3490		RAN	IDALL LADD		2 N	I DI	P 7 - 0600		1800	
TFLD			ALE	X MCBATH		1 N	I DI	P 7 - 0600		1800	
EMTP						1 N	I DI	P 7 - 0600		1800	
EMT						1 N	I DI	P 7 - 0600		1800	
									+		
7. Control Opera - Mop-up 400 fe - Patrol for spot	et in fro	om the lin		n 600 feet. RD closed.	- Back-Ha - Pick up t		excess eq	uipment.			
8. Special Instru	ctions										
When practicaIn the event ofStart water baAll vehicles de	al, flush f a fuel s r constr e-mobec	cut to gro spill or dis ruction or d must be	ound level all sto scovery of toxic all handlines - washed. Was	Parsons - Contactumps from felled material on NFS See water bar shing station local with 3% bleach/	trees. Slands, conta pecs. ted at Lake T	act co	mmunicat	ions at ICP to r	notify s	safety.	
9.				ision/Group Comr		umma	ry				
Function		ncy - RX	Frequency - TX	Tone	System		Channel	l Syster	m	Channel	
Command	168.7	7000 N	170.9750 N				7				

2. Division/Group

Approved by (Planning Section Chief)

Tactical Div/Group

Logistics
Air to Ground

173.9875 N

166.3375 N

Prepared by (Resource Unit Leader)

R. Mustatia (T), E. Ernst (T)

173.9875 N

166.3375 N

5

6

Date Prepared

06/29/07

Time Prepared

2222

Division As	signment List		n Branon	Ш			Z. Bivioloti, Group	S	
Incident Name AN	GORA		4. Operational F	Period 06/30/0	7 Sa	aturday	Day Shift 0600 - 1	800	
5.			Operation						
Operations Chief	GEOFF WILFORD					Superviso	or BILL A BRYANT		
Operations Chief	RANGER DORN (T)		Air Attac	k Super	KENT HASKINS	KENT HASKINS		
Branch Director	PETE DUNCAN			Safety C	Officer		DANIEL JOHNSON	N	
6.			Resources As	signed t	his Peri	od			
Strike Team/Task Force/	Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time	
CREW - T2 - FIRESTO	RM 4	WELIS	3		19	N	DP 1 - 0600	1800	
ENGINE - T3 - PNF 26		SAUN	DERS		5	N	DP 1 - 0600	1800	
ENGINE - T3 - ENF 64		HUHN	IKE, MIKE		5	N	DP 1 - 0600	1800	
EMTP		SCHR	OTH, ERIC		1	N	DP 1 - 0600	1800	
EMT		HERN	STAK		1	N	DP 1 - 0600	1800	
7. Control Operations - Mop-up 400 feet for t - Back-haul all excess 8. Special Instructions	ag 600 k up tr) feet from the ash	line.						
- Resource Advisors in - Rehab group to start - When practical, flush - In the event of a fuel - Start water bar const - All vehicles de-mobe - All helicopter tanks a	dozer line rehab with cut to ground level a spill or discovery of t ruction on all handlin d must be washed.	n heav all stum toxic m ies - So Washii	y equipment. On ps from felled naterial on NFS ee water bar spong station located	Buideline trees. Blands, opecs. ted at La	es to be contact ake Tal	e provid	unications at ICP to r		
9.		Divis	ion/Group Comr	nunicatio	ns Sum	mary			

2. Division/Group

Channel

Command	168.7000 N	170.975	0 N			7				
Tactical Div/Group	173.9125 N	173.912	5 N			3				
Logistics										
Air to Ground	166.3375 N	166.337	5 N			6				
Prepared by (Res	ource Unit Leader)		Appr	oved by (Planning S	Section Chief)	Date Prepa	ared	Time	Prepared	
R. Mustatia (T),	E. Ernst (T)					06/2	9/07		1026	

System

Channel

System

Tone

Function

Frequency - RX

Frequency - TX

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Divisio	on As	signme	nt List			ll l				\	/	
3. Incident Name	ANG	GORA			4. Operational F	Period 06/30/0	7 Sa	aturda	y Day Shi	ft 0600 - 180	00	
5.					Operation	ns Persor	nnel		· ·			
Operations Chief		GEOFF \	WILFORD			Division/	Group S	Supervi	sor JOHN FL	ORES		$\overline{}$
Operations Chief		RANGER	R DORN (T)			Air Attac	k Super	visor	KENT H	ASKINS		
Branch Director		PETE DU	JNCAN			Safety O	fficer		DANIEL	JOHNSON		
6.					Resources As	ssigned th	nis Peri	od				
Strike Team/Tasl	k Force/	Resource [Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off F	PT./Time	Pick Up PT./Tin	ne
CREW - T2 - FIF	RESTO	RM 3	P	EAR	CE, SAM		18	N	DP 4 -	0600	1800	
CREW - T2IA - F	IREST	ORM 1	Н	IILLE	R, JOSH		19	N	DP 4 -	0600	1800	
EMTP			D	ELE	O, MIKE		1	N	DP 4 -	0600	1800	
EMTB			W	VINN	INGHAM, MEL	JSSA R	1	N	DP 4 -	0600	1800	
7. Control Opera - Mop-up 400 fe - Back-haul all e 8. Special Instru Resource Adv - When practica - In the event of - Start water bal - All vehicles de	et insidexcess ctions sors in l, flush a fuel s	equipmer cluded R cut to gro spill or dis	nt - Pick Sanchez and scovery of too all handlines	nd N. stun xic m	Aslami- Conta nps from felled naterial on NFS ee water bar sp	nct Divisi trees. S lands, o	contact	t comr	nunications	at ICP to no	tify safety.	
- All helicopter to												
9.					ion/Group Comr			mary		_		
Function		ncy - RX	Frequency - T		Tone	Sys	tem		Channel	System	Channe	el le
Command	168.	7000 N	170.9750 N	N		1			7		1	

2. Division/Group

Prepared by (Resource Unit Leader) R. Mustatia (T), E. Ernst (T)	Approved by (Planning Section Chief)	Date Prepared 06/29/07	Time Prepared 2230
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Tactical Div/Group

Logistics Air to Ground 173.9625 N

166.3375 N

173.9625 N

166.3375 N

4

Division As	signment List			Ш				Υ
Incident Name AN	GORA	4. Ope	erational F	Period 06/30/0	7 Sa	aturday	Day Shift 0600 - 1	800
5.		(Operation				,	
Operations Chief	GEOFF WILFORD					Superviso	Pr ED MERRILL	
Operations Chief	RANGER DORN (T))		Air Attac	k Super	visor	KENT HASKINS	
Branch Director	PETE DUNCAN			Safety C	Officer		DANIEL JOHNSOI	N
6.		Resc	urces As	signed t	nis Peri	od		
Strike Team/Task Force/	Resource Designator	Le	eader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - ELDORA	DO IHC	BECKETT, M	1IKE		21	N	DP 4 - 0600	1800
CREW - T1 - BLACK M	OUNTAIN IHC	HOGGARD,	MATT		20	N	DP 4 - 0600	1800
EMTP		DELEO, MIK	E		1	N	DP 4 - 0600	1800
EMTB		WINNINGHA	M, MEL	ISSA R	1	N	DP 4 - 0600	1800
7. Control Operations - Mop up 400' from th - Back-haul all exces		nag 600' from ck up trash.	the line			1		
8. Special Instructions								
-Resource Advisor is N - When practical, flush - In the event of a fuel - Start water bar const - All vehicles de-mobe - All helicopter tanks a	cut to ground level a spill or discovery of t ruction on all handlin d must be washed.	all stumps from oxic material es - See wate Washing stati	m felled on NFS er bar sp ion locat	trees. lands, becs. ed at La	contactake Tal			notify safety.
9.		Division/Gro	up Comn	nunicatio	ns Sum	nmary		
Function Frogue	nev BY Frequency	TY To	no	Sve	tom		hannol System	m Channal

2. Division/Group

Approved by (Planning Section Chief)

7

4

6

Date Prepared

06/29/07

Time Prepared

2256

Command

Logistics
Air to Ground

Tactical Div/Group

Rita Mustatia (T)

168.7000 N

173.9625 N

166.3375 N

Prepared by (Resource Unit Leader)

170.9750 N

173.9625 N

166.3375 N

	n Assignme	nt List	1. Branch Damag	e Asse	ssr	nent	2. Division	on/Group	
3. Incident Name	ANCODA		4. Operational	Period					
	ANGORA			06/30/07		aturday	Day Shift	0600 - 180	10
5.	10 44 14 11		Operatio	ns Personne			<u> </u>		
Operations Chief	Geoff Wi			Division/Gr		-	or		
Operations Chief	Ranger [Air Attack S		visor			
Branch Director	Ethan Fo	ote		Safety Office	cer				
6.			Resources A						
Strike Team/Task	Force/ Resource I	_	Leader		ım of ers.	Trans. Y/N	Drop Off P7	T./Time	Pick Up PT./Time
			Robards						
			e Eng						
		Robe	ert Chew						
		Budo	dy Bloxum						
		Scot	t Witt						
		Patri	ck McDaniel						
		Sass	Barton						
		Adar	n Wyman						
		Broo	k Darley						
		Ray	Wedel						
7. Control Opera	tions								
- Assess dama - Contact divisi	ge on affected pon supervisors	properties. when entering a nel while in area		ion area.					
0.0									
8. Special Instruc	ctions								
9.			ision/Group Comi	munications	Sum				
Function	Frequency - RX	Frequency - TX	Tone	Syster	m	C	hannel	System	Channel
Command	168.1000 N	170.4500 N					8		
Tactical Div/Group									
Logistics									
Air to Ground	166.3375 N	166.3375 N					6		
Prepared by (Reso Rita Mustatia (T		Appr	oved by (Planning	Section Chief	f)		Date Prepare 06/29		Time Prepared 2305

Divisio	on Assignm	nent List		1. Branch	Ι Λ \ Λ /			2. Divi	sion/Group		
3. Incident Name	JII Assigiiii	IGHT LIST		Operational F	LAW Period						
	ANGORA				06/30/07	' Sa	aturday	Day Sh	ift 0600 - 18	800	
5.				Operation	ns Personr	nel					
Operations Chief	Geoff V	Vilford			Division/G	Froup S	Superviso	r			
Operations Chief	Rangei	r Dorn (T)			Air Attack	Super	rvisor				
Branch Director	Todd C	rawford			Safety Off	ficer					
6.	'			Resources As	ssigned thi	s Peri	iod				
Strike Team/Tasl	k Force/ Resource	e Designator		Leader	N		Trans. Y/N	Drop Off I	PT./Time	Pi	ck Up PT./Time
Evacuation Grou	ıb		Martii	n Hewlett				530-20	8-6219		
Security Group	·		Berni	e Morton				530-36	3-5609		
Re-Entry Group			Greg	Almos				530-95	7-3742		
Traffic Group				Sturgess				530-54	2-6503		
										<u> </u>	
										—	
										<u> </u>	
										<u> </u>	
										<u> </u>	
										<u> </u>	
7. Control Opera	ations										
8. Special Instru	ctions										
9.				sion/Group Comr							
Function	Frequency - RX			Tone	Syste	em	Cl	nannel	System	<u>n</u>	Channel
Command	159.690	161.56	5					12			
Tactical Div/Group											
Logistics											
Air to Ground	166.3375	166.33									
Prepared by (Reso		r)	Appro	oved by (Planning S	Section Chi	ef)	Ţ	Date Prepa		Time	Prepared
Rita Mustatia(T)			<u></u> -				06/2	29/07	of	2305

		1. Branch			2. Division/Group
Division As	signment List		Rehab		·
Incident Name		4. Operational F	Period		
AN	GORA		06/30/07	Saturday	Day Shift 0600 - 1800
5.		Operation	ns Personnel		
Operations Chief	GEOFF WILFORD		Division/Gro	up Supervisor	TOM RAW
Operations Chief	RANGER DORN (T)		Air Attack Su	pervisor	KENT HASKINS
Branch Director	BOB MOORE		Safety Office	er	
6.		Resources As	signed this F	Period	

6.	Resources Assigned t	his Peri	od		
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CREW - T2 - CREW 31 IRON MTN	BROWN, ROBERT	19	N	ICP	0600
BORDGES TBR D5-H	CHASEN, STEVE	1	N	ICP	0600
DOZER - T2 - PNF 1	SIBBALD, SCOTT	2	N	ICP	0600
EXCAVATOR	TBA		N	ICP	0600
TFLD	KELLY, PETER	1	N	ICP	0600
FELB	HOKANSON, MITCH	1	N	ICP	0600
FELB	LANE, GARY	1	N	ICP	0600
FALC	DENIZ, RYAN	1	N	ICP	0600
FALC	MILLER, JIM	1	N	ICP	0600
FALC	BLUE, SCOTT	1	N	ICP	0600
FALC	TRESIDDER, STEVE	1	N	ICP	0600

7. Control Operations

- Evaluate rehab needs with resource advisors.
- Survey Urban Lots
- Survey closed/decommisioned roads

- Communications based on area of assignment.
- Assess sensitive cultural sites.
- Resource Advisors include D. Cruz and K. Julian Contact Division when entering and leaving.
- When practical, flush cut to ground level all stumps from felled trees.
- In the event of a fuel spill or discovery of toxic material on NFS lands, contact communications at ICP to notify safety.
- Start water bar construction on all handlines See water bar specs.
- All vehicles de-mobed must be washed. Washing station located at Lake Tahoe Blvd. and "C" Street.
- All helicopter tanks and buckets to be flushed with 3% bleach/water mix.

9.		Div	rision/Group Comn	nunications Sumn	nary			
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	Syste	em	Channel
Command	168.7000 N	170.9750 N			7			
Tactical Div/Group								
Logistics								
Air to Ground	166.3375 N	166.3375 N			6			
Prepared by (Res	ource Unit Leader)	Appr	oved by (Planning S	Section Chief)	Date Prepa	ared	Time	Prepared

220-ICS (2/99) PAGE 1 Of 2 NFES 1351

TANKED CRANE

1

HT-720

S-54

HELIBASE

0700

0800

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

10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Air Tactical	Coverage over incident by FW ATGS on request, H-507 AV @ Helibase.	0830	MINDEN	FIRE
Dropping Retardant: Air Tanker	FW air tankers when available as ordered by DIVS to ATGS.		MINDEN	FIRE
Dropping Water: Helicopters	as ordered by ATGS		HELIBASE	FIRE
Transport Personnel	On request		HELIBASE	FIRE
Cargo Transport	On request		HELIBASE	FIRE
Recon	Order thru AOBD		HELIBASE	FIRE
Medevac	ATGS, DIVS to Communications and MEDUL to coordinate MEDEVAC; determine nature of injury, method of transport.		HELIBASE	HOSPITAL
Mapping/Infrared	Helicopter 553 as requested		HELIBASE	FIRE
Refueling	At Southlake Tahoe airport (Helibase)			
Rappel	Available On request			
Firing				

SAFETY MESSAGE Angora Fire

June 30, 2007 Day Shift

use Lookouts, Communications, Escape routes, Safety zone

LCES IN PLACE EVERY TIME

Weather Environment

- Weather conditions are in our favor today.
- Conditions are extremely dry.

Fireline:

- Be alert for signs of dehydration and fatigue.
- Stay focused on the task at hand.
- Snags and weakened green trees are continuing to fall in the fire area.
- Loose rocks and gravel on steep upper slopes.
- Watch out for heavy equipment being used in Division Sierra for rehab.
- The utility companies are still hard at work in residential areas.
 Watch for flaggers, caution signs and cones.

Transportation issues:

- The entire fire area is open without restrictions.
- Only Angora Ridge Road is still closed. Angora Ridge Rd single lane, limited turnouts.
- Drive slow, lights on, use amber flashers as needed.
- Sightseers and weekend visitors It's the start of the Fourth of July week in the Basin.
- Media are still in the area.

Prepared by: Jennifer Boyd Safety Officer Date: 7/29/07 Linda Szczepanik Deputy Safety Officer

Incident Radio Communications Plan **ANGORA** 06/30/07 Saturday Day Shift 0600 - 1800 3. **Basic Radio Channel Utilization** Radio Type/Cache Channel **Function** Frequency/Tone Assignment Remarks 1 RX 168.0500 N DIV A/B TX 168.0500 N 2 DIV D RX 168.6000 N TX 168,6000 N 3 RX 173.9125 N DIV C/S TX 173.9125 N DIV V/Y 4 RX 173.9625 N TX 173.9625 N RX 173.9875 N DIV E 5 TX 173.9875 N RX 166.3375 N All DIVS 6 TX 166.3375 N 7 RX 168.7000 N COMMAND TX 170.9750 N 8 RX 168.1000 N COMMAND TX 170.4500 N RX 154.2650 W STRUCTURE 9 TX 154.2650 W RX 154.2950 W STAGING 10 TX 154.2950 W 4. Prepared by (Communications Unit) 5. Date Prepared 6. Time Prepared 06/29/07 1045

1. Incident Name

2. Operational Period

ICS 205 DRAFT Page of ICS 205 Forms

The Five-D System for Effective Fireline Waterbars

Michael J. Furniss USDA Forest Service Pacific Northwest Research Station Corvallis, Oregon

To make effective waterbars on firelines, just remember the 5-D System. The five **D**'s are: **Distance**, **Diagonal**, **Divert**, **Discharge**, and **Dissipate**.

Most forest values depend on healthy soils; clean water, streams full of fish, diverse wildlife habitats, productive timberlands, beautiful places, and so on. Firefighters strive to protect our soils by suppressing the wildfires that can damage them.

Methods used to fight fires, especially firelines, can cause erosion and soil degradation, and need to be treated to properly maintain forest values. Fireline surfaces usually cause runoff during heavy rainfall and snowmelt. Without waterbars, excessive runoff will concentrate and cause rills and gullies to form. Effective waterbars can prevent this from happening.

Distance: To be effective, waterbars must break up drainage areas and runoff on the fireline so that there's not enough erosive energy available in runoff to erode the soil. To ensure that excess runoff cannot accumulate, waterbars must be placed the proper distance apart, based on the slope of the fireline. This breaks up the area that accumulates runoff, keeping it small enough to prevent damage. Erosion potential depends on slope and a table is provided on the next page that gives the maximum distance between waterbars, or between a waterbar and the next upslope drainage break.

Diagonal: After deciding where you will put each waterbar, the next decision is how to build them. An important principle in working with flowing water is: don't bully the flow, lead it. Waterbars built directly across a fireline oppose the water's energy and tend to fail. Waterbars built diagonal to the fireline lead the water off and work much better. A diagonal waterbar has a gentle slope along its base that leads the water off. A simple rule is to add 5 to the slope of the road, in percent, and build the waterbar at that many degrees from perpendicular. Or simpler yet, just build them at 30 degrees off perpendicular (see the illustration on the next page).

Divert: A good waterbar will divert the water off the fireline. To do this the waterbar must be sufficiently deep to handle all the flow for as long as it's needed. Excavation is much more effective than fill in making a durable and effective waterbar (a ditch or a dip beats a dike).

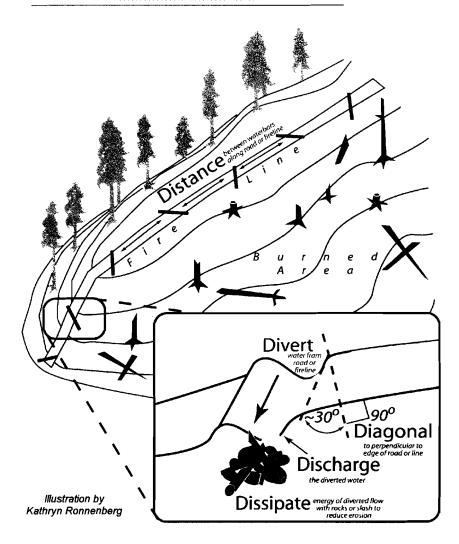
Discharge: Another feature of a good waterbar is that it will discharge the flow. A good waterbar is not a dam – it must have an open outlet.

Dissipate: Finally, a good waterbar should dissipate the flow just below the outlet to exhaust its eroding power and cause it to filter into the soil. This may require placing slash, rock, or debris below the outlet, or fudging a bit on distance to take advantage of natural features that will dissipate the water's erosive energy.

So remember, when locating and building waterbars, 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.

Fireline slope	Maximum Distance Apart
%	(feet)
1-6	300
7-9	200
10-14	150
15-20	90
21-40	50
41-60	25

Recommended spacing for waterbars on firelines.
Waterbars should be no further apart than this, but they may be closer. When in doubt, put in more. From: UDSA-Forest Service, "Sale Administrator's Handbook"



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

HUMAN RESOURCES MESSAGE SATURDAY JUNE 30, 2007 ANGOLA FIRE

AS WE DEMOB:



You Are Responsible to treat people....

With dignity & respect....

You have a Right to receive same treatment from others

TRAVEL SAFELY

Cliff Ligons HUMAN RESOURCE SPECIALIST

TRAINING SPECIALIST MESSAGE

A Training Specialist is now on the incident.

All federal, state, and local government agency trainees working on position task books should register with the Incident Training Specialist in order to receive proper credit for your assignment.

The Training Unit is located in the northern most trailer at ICP

Please see the Training Specialist as soon as possible!!

Julie Buel, Dominic Panno, Brian Power
Training Specialists

UNIT I	LOG	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designato	ors	5. Unit Leader (Name and Position)		6. Operational Period
7.		Personnel Roste	r Assigned	
Nan	ne	ICS Positio		Home Base
8.		Activity Log		
Time			Major Events	