

South Complex

Incident Action Plan

Wednesday, September 9th, 2015

Day Shift, 0700 - 1900



✓ **Common Denominators:**

- On relatively small fires or deceptively quiet areas of large fires

✓ **Watch Out Situations:**

- On a hillside where rolling material can ignite fuel below
- Weather becoming hotter and dryer

✓ **Standard Firefighting Orders**

- Post lookouts when there is possible danger
- Fight fire aggressively, having provided for safety first

The first step to an accident involves the false belief that experience makes you invulnerable

CA-SHF-002108, P5J0MZ, (0514)

Shasta Trinity National Forest

Northern California Incident Management Team 1

INCIDENT OBJECTIVES		1. Incident Name	2. Date Prepared	3. Time Prepared	
ICS 202		SOUTH COMPLEX	09/08/2015	2000	
4. Operational Period					
09/09/2015 0700-1900					
5. General Control Objectives for the Incident (include alternatives)					
CONTROL / OPERATIONAL OBJECTIVES: <ol style="list-style-type: none"> 1. Keep the East flank of Pattison fire: <ul style="list-style-type: none"> • South of 4N29 Road in Division W • West of the West Fork of Miners Creek • North of Hayfork Creek 2. Keep all other divisions of the South Fork Complex within current containment lines. 3. Continue implementing fire suppression damage repair in accordance with the approved plan and agency policy. MANAGEMENT OBJECTIVES: <ol style="list-style-type: none"> 1. Provide for Firefighter and Public safety through hazard recognition and application of the risk management process. 2. Utilize Resource Advisors and USFS personnel in identification of suppression repair work. 3. Engage in fire suppression repair operations that are cost effective. 4. Minimize suppression damage to natural and cultural resources. 5. Keep public informed with current and accurate fire information including closure to assist in mitigating public safety concerns. 					
6. Weather Forecast for Period					
See attached spot weather forecast.					
7. General Safety Message					
See attached safety message.					
8. Attachments					
x	Organization List-ICS 203	x	Air Ops Plan ICS-220	x	Fire Weather Forecast
x	Division Assignment List-ICS 204	x	Incident Map	x	Fire Behavior Forecast
x	Communications Plan-ICS 205		Traffic Plan	x	Unit Log ICS-214
x	Medical Plan-ICS 206	x	Safety Message		Vicinity Map
9. Prepared by			10. Approved by (Incident Commander)		
Walter Herzog			Jay Kurth For <i>Curtis Costa</i>		

ORGANIZATION ASSIGNMENT LIST		Unit	
1. Incident Name South Complex		Medical Unit	Josh Ramey
2. Date September 8, 2015		Receiving & Distribution	Fred Johnson
3. Time 1630		Security Manager	Mike Turner
4. Operational Period Day Shift September 09, 2015		Food Unit	Jay Westlake, Mark McGuinness (t)
Position	Name	Equipment Manager	Mona Lake
5. Incident Commander and Staff		9. Operations Section	
Incident Commander	Jay Kurth	Day Operations	Alec Lane
Deputy	Kent Swartzlander	Night Operations	
Incident Commander (t)	Curtis Coots (t)	Planning Ops	Curt Lindstrand
Safety Officer	Michele Tanzi, Jeff Barnhart	a. Division/Groups - Day	
Information Officer	Barbara Rebiskie	Division/Group H/L/M/Y	Randy Jennings, Ray Dombroski (t)
Liaison Officer	Kathy Hardy	Division/Group O/Q	Bret Davidson
Human Resources		Division/Group S/Z/T	Dale Schmidt
6. Agency Representative		Division/Group W/X	Nick Bunch
Agency Administrator	Dave Myers	Division/Group	
Agency Admin Rep	Tom Hall, Randall Walker	Division/Group	
Shasta NF Duty Chief	Ben Newburn	Division/Group	
Lead Resource Advisor	Matt Scott	Division/Group	
Trinity County Sheriff	Mike Rist	Division/Group	
Trinity County Advisor	Larry Winter	Division/Group	
PG&E	Joe Little	Division/Group	
Hyampom Volunteer FD	Joe Watkins	Division/Group	
Trinity PUD	Rory Barret	b. Division/Groups - Night	
CCC	Steven Donnelly	Division/Group	
7. Planning Section		Division/Group	
Chief	Walter Herzog	Division/Group	
Deputy		Division/Group	
Resources / Demob / Documentation / Status-Check-in Unit	Rita Mustatia, Tanya Costello (t)	Division/Group	
Situation Unit	Tim Ritchey	c. Air Operations Branch	
Training	Dominic Panno	Air Operations Branch Director	Glenn Dietz
CTSP	George Steel	Air Attack Supervisor	
GISS	Elizabeth Hale (t), Shawn Thornton (t)	Air Support Supervisor	
FBAN	John Wood	Helicopter Coordinator	
IMET	Phil Manuel	Air Tanker Coordinator	
SCKN	Ronnee -Sue Helzner	10. Finance Section	
8. Logistics Section		Chief	Lois Charlton
Chief	Ken Kumpe, Richard Sheets (t)	Time Unit	
Deputy		Cost Unit	Kenny Lucien
Supply Unit	Dave Alicea (t)	Compensation/Claims Unit	Debbie McIntosh
Ordering	Ron Pierce, Tamara Hanna	Equipment Time	Lou Ann Charbonnier
Facilities Unit	Jeff Huhtala, Richard Crowther (t)	PTRC	Alexandra Behr
Ground Support Unit	Harry Zabel	Prepared by (Resource Unit Leader) Tanya Costello (t)	
Communications	Phil Shafer, Harold Reed (t)	Approved by (Planning Section Chief) Walter Herzog	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group H/L/M/Y 1 OF 2		
3. Incident Name SOUTH COMPLEX		4. Operational Period Date: September 9, 2015 Time: 0700 - 1900				
5. Operations Personnel						
Operations Chief	ALEC LANE	Division/Group Supervisor		RANDY JENNINGS, RAY DOMBROSKI (T)		
Planning Ops.	CURT LINDSTRAND	Air Ops. Branch		GLENN DIETZ		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC T2IA GFP ENT. C-113	JASON CAMPBELL	9/11	20	N	0700	1900
ENG S/T T3 3660C CA-PNF E-338	COTTINGHAM/ LONG (†)	9/13	27	N	0700	1900
ENG T3 CA-SHF 12 - E-335	MATT PUCKETT	9/12	5	N	0700	1900
ENG T3 HYM 3331 E-224	MIKE BYRD	9/29	2	N	0700	1900
WT T2 DARRAH LOGGING E-37	MARVIN DARGER	9/12	1	N	0700	1900
WT T2 DARRAH LOGGING E-234	WAYNE VIRAG	9/12	1	N	0700	1900
DOZ T1 BEN'S TRUCK #19 E-109	BILL SCARBOROUGH	9/10	1	N	0700	1900
EXCAV T3 WILCOX CO. E-332	RICK WILCOX	9/12	1	N	0700	1900
EXCAV T2 KIRACK E-328	IAN POTTER	9/10	1	N	0700	1900
EVCAV T2 CROSS COUNTRY E-327	BYRON CROSS	9/10	1	N	0700	1900
EXCAV T2 LEPAGE CO. E-223	RANDY STRIEFF / DREW HILL	9/13	2	N	0700	1900
MAST T2 CARLSON CONST. S-24	CASEY CARLSON	9/13	1	N	0700	1900
GRADER E-334	ED STONE	9/13	1	N	0700	1900
TFLD O-775	CASEY LOVELL	9/15	1	N	0700	1900
7. Control Operations Mop up as needed to maintain containment. Continue to patrol and secure lines. Continue suppression repair on contingency lines and control lines as well as assess and repair Drop Points and roads in coordination with READS.						
Special Instructions: Identify resources available to respond for initial attack. Utilize water use log sheet and turn into DIVS at end of shift. Coordinate with ground support to backhaul any miscellaneous equipment and trash. All suppression repair activities will be coordinated by the lead READ. Check in with lead READ at end of shift to track suppression repair work. Remove flagging if no longer in use. AMR 230 staged at DP-19						
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	1	NIFC C3	168.0750 N	131.8	170.4250 N	131.8
Command	2	NIFC C31	163.5750 N	131.8	169.7250 N	131.8
Tactical	5	NIFC T3	168.6000	131.8	168.6000	131.8
Air to Ground	8	A/G CMD	168.7375 N		168.7375 N	
Prepared by (Resource Unit Leader) Tanya Costello (†)		Approved by (Planning Section Chief) Walter Herzog			Date September 8, 2015	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group H/L/M/Y 2 OF2		
3. Incident Name SOUTH COMPLEX		4. Operational Period Date: September 9, 2015 Time: 0700 - 1900				
5. Operations Personnel						
Operations Chief	ALEC LANE	Division/Group Supervisor		RANDY JENNINGS, RAY DOMBROSKI (T)		
Planning Ops.	CURT LINDSTRAND	Air Ops. Branch		GLENN DIETZ		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
TFLD (t) O-776	JESSE LOEFFLER	9/15	1	N	0700	1900
HEQB O-772	AARON LATA	9/22	1	N	0700	1900
HEQB (t) O-777	KRISTOPHER DARNALL	9/16	1	N	0700	1900
HEQB (t) O-791	RICHARD LUCIUS	9/18	1	N	0700	1900
FOBS (t) O-630	BLAKE ABBOTT	9/9	1	N	0700	1900
SOFR O-695	THOMAS DONOHOE	9/14	1	N	0700	1900
FEMT O-786	JOSH TUCKER	9/19	1	N	0700	1900
READ O-613	NICOLE BRILL	9/10	1	N	0700	1900
READ (t) O-796	BLAKE CREAGAN	9/19	1	N	0700	1900
THSP O-768	STACY HIGHTOWER	9/15	1	N	0700	1900
7. Control Operations						
Mop up as needed to maintain containment.						
Continue to patrol and secure lines.						
Continue suppression repair on contingency lines and control lines as well as assess and repair Drop Points and roads in coordination with READS.						
Special Instructions:						
Identify resources available to respond for initial attack.						
Utilize water use log sheet and turn into DIVS at end of shift.						
Coordinate with ground support to backhaul any miscellaneous equipment and trash.						
All suppression repair activities will be coordinated by the lead READ.						
Check in with lead READ at end of shift to track suppression repair work.						
Remove flagging if no longer in use.						
AMR 230 staged at DP-19						
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	1	NIFC C3	168.0750 N	131.8	170.4250 N	131.8
Command	2	NIFC C31	163.5750 N	131.8	169.7250 N	131.8
Tactical	5	NIFC T3	168.6000	131.8	168.6000	131.8
Air to Ground	8	A/G CMD	168.7375 N		168.7375 N	
Prepared by (Resource Unit Leader) Tanya Costello (t)			Approved by (Planning Section Chief) Walter Herzog		Date September 8, 2015	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group O/Q		
3. Incident Name SOUTH COMPLEX		4. Operational Period Date: September 9, 2015 Time: 0700 - 1900				
5. Operations Personnel						
Operations Chief	ALEC LANE	Division/Group Supervisor		BRET DAVIDSON		
Planning Ops.	CURT LINDSTRAND	Air Ops. Branch		GLENN DIETZ		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
ENG T6 OUTBACK E-8	LEE HOWARD	9/13	3	N	0700	1900
ENG T6 RAMOS EAGLE E-272	ROBERT MORRIS	9/13	3	N	0700	1900
FEMP O-784 (Share w/ DIV S/Z/T)	PAUL MOEN	9/19	1	N	0700	1900
FEMP O-785 (Share w/ DIV S/Z/T)	MIKE JACOB	9/19	1	N	0700	1900
SOF2 O-774 (Share w/ DIV S/Z/T)	CURT SCHWARM	9/15	1	N	0700	1900
7. Control Operations Continue to patrol and secure lines.						
Special Instructions: Identify resources available to respond for initial attack. Remove flagging if no longer in use. AMR 230 staged at DP-19						
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	2	NIFC C31	163.5750 N	131.8	169.7250 N	131.8
Tactical	4	NIFC TAC 1	168.0500	131.8	168.0500	131.8
Air to Ground	8	A/G CMD	168.7375 N		168.7375 N	
Prepared by (Resource Unit Leader) Tanya Costello (t)			Approved by (Planning Section Chief) Walter Herzog		Date September 8, 2015	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group S/Z/T 1 OF 2		
3. Incident Name SOUTH COMPLEX		4. Operational Period Date: September 9, 2015 Time: 0700 - 1900				
5. Operations Personnel						
Operations Chief	ALEC LANE	Division/Group Supervisor		DALE SCHMIDT		
Planning Ops.	CURT LINDSTRAND	Air Ops. Branch		GLENN DIETZ		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC2 OC 36 C-111	BRIAN ETHERIDGE/MATT READ (t)	9/11	20	N	0700	1900
ENG T3 FIRESTORM E-289	TOMMEL VANCE	9/13	3	N	0700	1900
ENG T6 SHANK E-18	RYAN FLORES	9/11	3	N	0700	1900
ENG T6 MOUNT ADAMS #323 E-329	PAULA HOLTER / ARRON PHILLIPS (t)	9/11	3	N	0700	1900
ENG T6 MOUNT ADAMS #322 E-331	DONALD HOLTER / MIKE STUTTS (t)	9/11	3	N	0700	1900
WT T2 WILLMORE ENT. E-32	WAYNE TRUMBLY	9/13	1	N	0700	1900
DOZ T2 MODOC #4 E-279	PERRY ST. JOHN/ KENT INSLEY (t)	9/15	2	N	0700	1900
DOZ T2 NORTH RIVERS E-209	CLINT NEWTON / CODY CARLSON	9/21	2	N	0700	1900
EXCA2 NORTH RIVERS E-319	TIM BECK	9/13	1	N	0700	1900
EXCA2 WALBERG E-320	JARED ELLENBERGER	9/10	1	N	0700	1900
EXCA2 WARNER ENT. E-333	ZANE CLAIRE	9/13	1	N	0700	1900
HEQB O-751	DARREN BEATY	9/15	1	N	0700	1900
HEQB O-752	MICHAEL GROSENBACH	9/15	1	N	0700	1900
TFLD O-765	KARL FOWLER	9/17	1	N	0700	1900
TFLD (t) O-795	BRIAN MIDTYLING	9/17	1	N	0700	1900
TFLD (t) O-789	DUANE KNIGHTON	9/18	1	N	0700	1900
STEQ O-513	JEFFERY SMITH	9/9	1	N	0700	1900
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	2	NIFC C31	163.5750 N	131.8	169.7250 N	131.8
Command	3	NIFC C39	173.8750N	131.8	163.6625N	131.8
Tactical	7	R5 TAC 5	167.1125 N	131.8	167.1125 N	131.8
Air to Ground	8	A/G CMD	168.7375 N		168.7375 N	
Prepared by (Resource Unit Leader) Tanya Costello (t)		Approved by (Planning Section Chief) Walter Herzog			Date September 8, 2015	

DIVISION ASSIGNMENT LIST			1. Branch			2. Division/Group S/Z/T 2 OF 2		
3. Incident Name SOUTH COMPLEX			4. Operational Period Date: September 9, 2015 Time: 0700 - 1900					
5. Operations Personnel								
Operations Chief		ALEC LANE		Division/Group Supervisor		DALE SCHMIDT		
Planning Ops.		CURT LINDSTRAND		Air Ops. Branch		GLENN DIETZ		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
FOBS O-757		BEAU RICHWINE		9/16	1	N	0700	1900
SOFR O-744 (Share w/ DIV O/Q)		CURT SCHWARM		9/15	1	N	0700	1900
FEMP O-784 (Share w/ DIV O/Q)		PAUL MOEN		9/19	1	N	0700	1900
FEMP O-785 (Share w/ DIV O/Q)		MIKE JACOB		9/19	1	N	0700	1900
READ O-773		BRENNA MONTAGNE		9/16	1	N	0700	1900
READ O-779		JOHAN HOGERVORST		9/17	1	N	0700	1900
7. Control Operations								
Mop up as needed to maintain containment.								
Continue to patrol and secure lines.								
Continue suppression repair on contingency lines and control lines as well as assess and repair Drop Points and roads in coordination with READS.								
Special Instructions:								
Identify resources available to respond for initial attack.								
Utilize water use log sheet and turn into DIVS at end of shift.								
Coordinate with ground support to backhaul any miscellaneous equipment and trash.								
All suppression repair activities will be coordinated by the lead READ.								
Check in with lead READ at end of shift to track suppression repair work.								
Remove flagging if no longer in use.								
AMR 230 staged at DP-19.								
9. Division Group Communication Summary								
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone		
Command	2	NIFC C31	163.5750 N	T3,131.8	169.7250 N	T3,131.8		
Command	3	NIFC C39	173.8750N	T3,131.8	163.6625N	T3,131.8		
Tactical	7	R5 TAC 5	167.1125 N	T3,131.8	167.1125 N	T3,131.8		
Air to Ground	8	A/G CMD	168.7375 N		168.7375 N			
Prepared by (Resource Unit Leader) Tanya Costello (t)			Approved by (Planning Section Chief) Walter Herzog			Date September 8, 2015		

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group W/X		
3. Incident Name SOUTH COMPLEX			4. Operational Period Date: September 9, 2015 Time: 0700 - 1900				
5. Operations Personnel							
Operations Chief		ALEC LANE		Division/Group Supervisor		NICK BUNCH	
Planning Ops.		CURT LINDSTRAND		Air Ops. Branch		GLENN DIETZ	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC T2IA HELI 506 A-11		BRIAN BATES		8	N	HP 4	HP 4
FEMP O-787		BRAD PALMER	9/19	1	N	HP 4	HP 4
SOF2 O-774.58		JEFF BARNHART	9/16	1	N	HP 4	HP 4
ENG T3 #20 E-338		JORDAN TOWSEND	9/13	5	N	HP 4	HP 4
7. Control Operations Cold trail and secure fires edge in Gates Creek Drainage and Miners Creek Drainage.							
Special Instructions: AMR 230 staged at DP-19							
9. Division Group Communication Summary							
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone	
Command	1	NIFC C3	168.0750 N	131.8	170.4250 N	131.8	
Command	3	NIFC C39	173.8750N	131.8	163.6625N	131.8	
Tactical	6	R5 TAC 4	166.5500	131.8	166.5500	131.8	
Air to Ground	8	A/G CMD	168.7375 N		168.7375 N		
Prepared by (Resource Unit Leader) Tanya Costello (t)			Approved by (Planning Section Chief) Walter Herzog		Date September 8, 2015		



South Complex Fire Weather Forecast



FORECAST NO: 64

NAME OF FIRE: South Complex

PREDICTION FOR: Wednesday Day Shift

UNIT: Shasta-Trinity National Forest

SHIFT DATE: Sep 9, 2015
TIME AND DATE

SIGNED: *Phil Manuel* 

Phil Manuel
Incident Meteorologist

FORECAST ISSUED: Sep 8, 2015 @ 1800 PDT

WEATHER DISCUSSION:

~ ~ ~ Heat Wave ~ ~ ~

Hot and Dry conditions will persist for the remainder of the week. Forecast confidence is high for the heat wave to persist with High Pressure remaining over the region through at least Friday. Valley Highs of 95 to 100 are likely through Friday. Temperatures are expected to peak Friday with a gradual step-down over the weekend. There is a slight chance of Thunderstorms this weekend.

Weather Forecast for Wednesday:

...Temperature Above Normal...

Weather: Sunny, Hot & Dry

High Temperature ... Midslopes/Ridges 85-92. Lower valleys (camp) 95-100.

Min RH (Midslopes/Ridgetops/valleys)... 10-15%

20-FOOT WINDS:

Ridgetop..... Variable Less than 7 mph.

MidSlope..... Upslope 2-5 mph.

Valley..... Calm in the morning. Upvalley 3-6 mph after Noon; gusts of 10 mph after 1600.

Weather Forecast for Wednesday Night:

...Poor Humidity Recovery...

Weather: Clear. Poor humidity recovery along the upper slopes and ridge tops.

Low Temperature (Ridgetops)... 60-65.

Low Temperature (Valleys)..... 50-55.

Max RH (Midslopes/Ridgetops)..... Remaining under 40%.

Max RH (Valleys)..... 65-75%.

20-FOOT WINDS:

Ridgetop..... East 2-5 mph.

Slope/Valley..... Up valley 2-4 mph until 2200, then down valley drainage 1-2 mph.

Weather Forecast for Thursday:

...Temperature Above Normal...

Weather: Sunny, Hot & Dry.

High Temperature ...Midslopes/Ridges 85-92. Lower valleys (camp) 95-100.

Min RH (Midslopes/Ridgetops/Valleys)..... 8-12%.

20-FOOT WINDS:

Ridgetop..... Variable Less than 7 mph.

UpSlope/UpValley..... 3-6 mph. Up-valley gusts 7-10 mph late afternoon and evening.

OUTLOOK for Friday Through Sunday:

Hot and Dry Friday. Not quite as hot over the weekend with a slight chance of thunderstorms. Highs 97-102 Friday. Highs 88 to 94 Saturday and Sunday. Minimum RH 6-12% Friday. Minimum RH 16-25% Saturday and Sunday. Lows in the 50s to lower 60s.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 64	TYPE OF FIRE: Wildland Fire
FIRE NAME: South Complex	OPERATIONAL PERIOD: 9/09, 0700 to 1900
DATE ISSUED: 9/08/15	TIME ISSUED: 2000
UNIT: Shasta Trinity National Forest	SIGNED: /s/ John Wood FBAN

INPUTS

WEATHER SUMMARY: Hot and dry conditions will persist for the remainder of the week. Forecast confidence is high for the heat wave to persist with high pressure remaining over the region through at least Friday. Valle highs of 95 to 100 are likely through Friday. Temperatures are expected to peak Friday with a gradual step-down over the weekend. There is a slight chance of thunderstorms this weekend.

Expect maximum temperatures Ridges: 85-92, Valleys: 95-100 Minimum humidity, 10-15%. 20 foot winds: Ridges variable less than 7 mph, Mid-Slope: upslope 2-5 mph, Valleys: Calm in the morning; up valley 3-6 after noon; gusts to 10 mph after 1600.

OUTPUTS

GENERAL: The high temperatures and low relative humidity will keep fuel moistures at low late season levels. Weather conditions will begin working on fuel moistures but the duration of the event will probably prevent fuel moistures lowering into a below average condition. The main concern of the hot dry conditions is the direct effect on burning conditions, setting the stage for aggressive burning with any ignition. Although sunset and night time will reduce the activity of spreading fire, recoveries and the thermal belt will allow fire to continue to spread. These conditions have been set up by the east flow which created a subsidence inversion situation, pushing cooler wetter air down into drainages and allowing warm and dry air to reside at elevation. In addition to poor recoveries, low fuel moistures and warm temperatures, the fire has good ventilation because the fire is above the inversion and will continue spreading at rates not normally expected at night.

Expect fire behavior that can reach the upper end of the predictions. Fire is likely to challenge suppression efforts and handcrews may need support from equipment to successfully attack a fire. Expect torching and with the embers created spotting should be a concern. Although forecast winds are light, drainages that are influenced by the South Fork of the Trinity River may see gusts reaching 10 mph and increasing fire behavior.

Backing/Flanking rate of spread up to 2 ch/hr, flame lengths 1-3 feet.

Head fire:

Timber understory rate of spread 3-11 ch/hr, flame lengths 2-8 feet

Timber litter rate of spread up to 3 ch/hr, flame lengths around 2 feet

Shrub fuels rates of spread could reach 22ch/hr, flame lengths 5-6 feet.

SPECIFIC: Fine fuel moisture 6% 1000 hr 12% Probability of ignition 60-90% Spot distance about a 1/4 mile.

All Divisions: Conditions are right for quiet areas to begin showing heat and spread potential as smokes begin showing and active duff continues to creep getting larger. Consider the repair work you will be doing and think about the potential for fire spread as repair work is completed. Assess the area for heat, before you begin working and as you complete the each stage of repair work.

Fuels are at late season levels, 1000 hour fuels are around 12 percent and live fuels are near 90 percent. With the warming and drying the spotting potential should be a consideration with a probability of ignition at 90 percent. The most active spread would be in the afternoon during the heat of the day. Wind as always is a dynamic influence on fire behavior and can cause rapid increases in activity.

AIR OPERATIONS

Smoke should not impact air operations.

Safety Message

“Complacency is a state of mind that exists only in retrospective: It has to be shattered before being ascertained.”
Vladimir Nabokov

You don't know your being complacent until after you stop. Take time during AAR's to include discussion about mind set while working on tasks. Understand if complacency has been managed during your assignment.

ICS 205 INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name
South Complex

Date & Time Prepared
9/8/2015 (1800)

Operational Period Date/Time
9/9/2015 (0700-1900)

Only frequencies listed on this 205 are authorized for use on this Incident.				Hand programmers accept all responsibility for the use of unauthorized frequencies.					
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	Mode A, D or M	Remarks
1	Command	NIFC C-3	All Divisions	168.0750 N	T3,131.8	170.4250 N	T3,131.8	A	Limedykelt linked to CMD Net
2	Command	NIFC C-31	All Divisions	163.5750 N	T3,131.8	169.7250 N	T3,131.8	A	IronsidemT linked to CMD Net
3	Command	NIFC C-39	All Divisions	173.8750 N	T3,131.8	163.6625 N	T3,131.8	A	HayforkBallyMT linked to CMD Net
4	Tactical	NIFC T1	DIV O / Q	168.0500 N		168.0500 N	T3,131.8	A	
5	Tactical	NIFC T3	DIV H/M/L/V	168.6000 N		168.6000 N	T3,131.8	A	
6	Tactical	R5 TAC4	DIV W / X	166.5500 N		166.5500 N	T3,131.8	A	
7	Tactical	R5 TAC5	DIV S / Z / T	167.1125 N		167.1125 N	T3,131.8	A	
8	Air to Ground	A/G	All Divisions	168.7375 N		168.7375 N		A	South Complex Air to Ground
9	Command	NIFC C-6	All Divisions/(Route)	168.4750 N	T6,156.7	173.8125N	T6,156.7	A	Route Command NET
10	Tactical	NIFC T2	IA	168.2000 N		168.2000 N		A	Initial Attack
11	AG Primary	AG 43	IA	167.6000 N		167.6000 N		A	Primary IA Air to Ground
12	AG Secondary	AG 08	IA	166.8750 N		166.8750 N		A	Secondary IA Air to Ground
13	SHF Command	SHF PLUM	Forest NET	171.5750 N		169.1000 N	T11,114.8	A	SHF Plummer Peak
14	SHF Command	SHF HYFK	Forest NET	171.5750 N		169.1000 N	T4,136.5	A	SHF Hayfork Bally
15	MEDICAL	CALCORD	Medical	156.0750 N		156.0750 N	T6,156.7	A	
16	Air Guard	AIR GUARD	All Divisions	168.6250 N		168.6250 N	T1,110.9	A	Urgent Aircraft Contact
17								A	
18								A	
19								A	
20	Air Guard	AIR GUARD	All Divisions	168.6250 N		168.6250 N	T1,110.9	A	Urgent Aircraft Contact

Approved By & Position Title: Phil Shaler COMML / Harold Reed COMML(t), NorCal Team 1
 Incident Location: Hyattspom, CA
 County: Trinity State: CA Latitude 40° 37.399'N, Longitude 123° 27.92'W

Convention calls for frequencies to show four digits to the right of the decimal point, followed by either an "N" or a "W". "N" being Narrow, "W" being 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 base station, mobile or portable radio. Repeater and base stations will be programmed with the RX and TX reversed.

OST=Operator Selectable Tone

AIR OPERATIONS SUMMARY

Prepared By: Glenn Dietz

Prepared Date: Sept 8, 2015

Prepared Time: 1900

1. INCIDENT NAME: SOUTH COMPLEX (CA-SHF-2108) FORK COMPLEX (CA-SHF-2067)		2. OPS PERIOD DATE: Sept. 9, 2015		START TIME: 0700		END TIME: 2000		SUNRISE: 0647		SUNSET: 1934	
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): **Be aware of terrain influenced winds & wires crossing the Trinity River watershed as well as powerlines through the center of the South fire, East-West. **Reference SHF Air Hazard Map as well as South & Fork Air Ops Maps available on ftp site. Track where water was taken from. All buckets/tanks must be cleaned after dipping out of the main stem Trinity River & before dropping on the South Complex.						4. READY ALERT AIRCRAFT MEDEVAC: H-553 ***CALCORD TONE 6*** INITIAL ATTACK: H-553			5. TFR #: NO TFR		

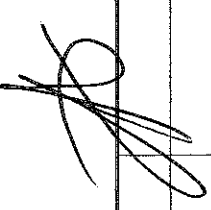
6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING - Type/Make-Model/ N#/ Base
AOBD	Glenn Dietz ICP: 530-628-4970 Cell: 530-227-0017		AIR/AIR RW-FF	125.325		AIRTANKERS- Order through RICC as needed.
ASGS			AIR/ AIR RW-FF			LEAD PLANES- Order through RICC as needed.
HLCO			AIR TO GROUND		168.7375	ATGS AIRCRAFT- Order through RICC as needed. AA-17V @ Redding
HEB2	Jeremy Stocks	530-286-2249	DECK		163.1000	
	Trinity Helibase	530-286-2251	TOLC			
			MEDIVAC ON		156.0750	
			CALCORD		156.0750	OTHER FW AIRCRAFT-
					156.0750	

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-553	3	Bell 407	Trinity HLB	0700	0800	Pax, Bucket, PSD, Recon							
H-506	2	Bell 205 A1	Trinity HLB	0700	0800	Pax, Bucket, Recon							

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Recon	As needed, order through AOBD.			
Water Dropping	As needed, order through AOBD.			



MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name	2. Operational Period
South Complex	Date/Time 9/9/15 0700-1900

3. Ambulance Services				
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS)	
			Yes	No
AMR medic 230 – Incident Amb.	Day – DP 19 Night - ICP	Contact on Command	X	
Hyampom Fire Dept. Ambulance	Hyampom, CA	911 or 530-623-8128		X
Trinity County Ambulance	Hayfork, CA	911 or 530-623-8128	X	

4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)			
Name	Phone	Type of Aircraft & Capability	
H-553 18 min eta	Contact air ops on Command	Assigned to incident and River complex	
Reach or PHI 30 min eta	911 or 530-623-8128 (Trinity Co. Sheriff)	Air Ambulance – Redding, CA Day/Night	
Coast Guard Up to 1:15 hr eta	911 or 707-839-6100	Hoist Rescue – Eureka, CA Day/Night	
CHP 30 min eta	911 or 530-623-8128 (Trinity Co. Sheriff)	ALS Hoist Rescue – Redding, CA	

5. Hospitals								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Gnd		Phone	Helipad		Address
						Yes	No	
Trinity Hospital	Lat:	N40°44.34	20 min	2 hrs	530-623-5541 x1	X		410 N. Taylor St. Weaverville, CA
	Long:	W122°56.39						
	VHF:							
St. Joseph Hospital	Lat:	N40°47.02	30 min	2 hrs	707-445-8121	X		2700 Dolbeer, Eureka, CA
	Long:	W124°08.48						
	VHF:							
Shasta Regional Medical Center	Lat:	N40°35.15	35 min	3 hrs	530-244-5353	X		1100 Butte, Redding, CA
	Long:	W122°23.25						
	VHF:							
UC Davis Level I Trauma/Burn Center	Lat:	N38°33.17	1.5 hrs	6 hrs	916-734-3636 916-734-3790	X		2315 Stockton Blvd. Sacramento, CA
	Long:	W121°27.05						
	VHF:							

6. Division / Crew Pre-plan. Update and discuss with assigned resources daily.

Crew EMTs & Equipment	
Fireline EMTs & Location	
Adv. Life Support?	
Air Hoist site:	
Lat: / Long:	
Helispot:	
Lat: / Long:	
Alternate no-fly plan:	

7. Remote Aid Stations	
South Medical Unit– ICP Hyampom, CA N40°37.514 W123°28.019	Point of Contact: MEDL – Josh Ramey 530-628-4840 EMS Responders & Capability: Frontline Medical – Advanced Life Support Equipment Available on Site: Medical supplies Ambulance ETA : Air – 30 min. Ground – 10 min.

8. Prepared By (Medical Unit Leader)	9. Date/Time	10. Reviewed By (Safety Officer)	11. Date/Time
Josh Ramey – MEDL 530-277-1213 <i>Joshua Ramey</i>	9/8/15 1800	Michelle Tanzi <i>Michelle Tanzi</i>	9/8/15 1800

Injury or Incident Communications Protocol

DECLARE: Medical Emergency or Non-emergency Medical transport

Best transport method: (circle) Ambulance Helicopter Vehicle

Location: (Div. & Lat / Long) _____

GPS Format: WGS84 Degrees, Decimal minutes

Situation _____

Any special equipment required _____

Number of injured _____ Type of injuries _____

Closest pick up point (DP, Helispot) _____

Level of consciousness _____ Resp. _____ Pulse _ BP _____ Weight _
(alert & oriented x 1-4)

Injury _____ Agency/Crew (No Names) _____

Medical History/Allergies _____

Air Transportation Triage

	Ground or Air Ambulance to Hosp.	Transport to Med Unit
Mechanism	Hit by a falling tree or large branch Fall of 10' or more Insect bite with shortness of breath Signs of heat stroke (hot, dry, disoriented) Burn Injury greater than 1% body area	Minor dehydration Cut or laceration with bleeding controlled Minor bites and Stings Minor burns
Area Injured	Significant Blunt or Penetrating Trauma to Head, Neck, Chest, Abdomen or pelvis Any Arm or Leg fracture above the Joint	Minor blunt trauma Minor penetrating trauma Extremity sprains and strains Simple fracture below elbow or knee
Symptoms	Disoriented Chest Pain or Shortness of Breath Weak or absent radial pulse Pale, cold and sweating	Alert and oriented No shortness of breath Good pulses

Medivac Sites

- H 1 - N40°41.674 x W123°26.164 H 2 - N40°42.833 x W123°31.051**
H 3 - N40°44.081 x W123°30.039 H 4 - N40°39.449 x W123°20.242
H 5 - N40°38.710 x W123°20.252 Hyampom Airstrip (ICP) – N40°37.514 x W123°28.019

If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

If Declaring an “Incident within the Incident”

The closest DIVS will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response. The closest Safety Officer and Line EMS will respond to the scene to assist the DIVS. Secure site and begin initial investigation when situation is stabilized.

**SOUTH COMPLEX RISK ANALYSIS (215a)
Day Shift, September 9th, 2015**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
W/X	Rolling Material & Danger/Hazard Trees	<ul style="list-style-type: none"> • Be aware of your surroundings when working on slopes. Debris dislodged from extended burn/smoldering could break loose (Gravity wins) and roll into your work area. <u>Post lookouts</u> • Follow the Hazard Tree Safety guidelines on pages 22 & 23 of the IRPG. • Survey work area/parking area for hazard trees prior to committing resources • Mitigate hazard if safe to do so by qualified personnel, or flag off area, deny entry and make it known to all • Establish trigger points for disengagement during high wind events 	
ALL	Medical Emergencies	<p>~ Review, understand and discuss with your resources the Medical Plan in the IAP.</p> <p>~ Develop Division/Crew Pre-Plan in block #6 on the Medical Plan and fill in necessary information to assist you with an Incident within an Incident.</p> <p>~ Base all operational decisions and activities on these 3 questions:</p> <ol style="list-style-type: none"> 1.) What are we going to do if someone gets hurt? 2.) How will we get them out of here? 3.) How long will it take to get them to a hospital? <p>~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics.</p> <p>~ Have Alternate plan in place when aircraft is grounded due to visibility issues.</p> <p>~ If air or ground ambulance is delayed: package and transport patient to rendezvous with incoming ambulance.</p> <p>~ Re-route EMS helicopter to rendezvous point as appropriate</p> <p>~ Be aware of Rotor Wash & its effect on Fire behavior when the extraction point is next to an active fire edge. (Divisions W, X)</p> <ul style="list-style-type: none"> • If possible, MOVE patient to an area with less fire activity 	
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of ½ qt/hr • Do NOT mix with water or dilute electrolyte drink. It must be consumed as is for the body to absorb properly. • Low volumes of dark, concentrated urine or painful urination indicate a serious need for rehydration, & medical attention. • Pace work to avoid heat injuries • Refer to Medical Plan for additional EMS care and Evacuation 	
ALL	Communications	<ul style="list-style-type: none"> • Ensure you have received the most current communications plan, and your radios have been cloned to it BEFORE heading out to your work area. • Use human repeaters in areas with sketchy communications. • Refer to the 5 communication responsibilities listed on page ix in the 2014 IRPG 	
W/X	Aircraft Operations till 2000	<ul style="list-style-type: none"> • Review and discuss Aviation Watch Out Situations listed in IRPG pg 44 • Ensure the mission is necessary • Evaluate risk vs gain for each mission/target. Utilize ground resource contact with aircraft for bucket work. • Use aerial Supervision and maintain separation. 	
W/X	Fire Behavior	<ul style="list-style-type: none"> • Ensure a solid anchor point and flank. • Use experienced LOOKOUTS under these conditions. • Monitor weather conditions. Be aware of visual indicators (clouds, WX obs., cold front passage) • Maintain adequate escape routes to safety zones. Communicate any changes. • New starts possible. Be ready for IA! Spotting Potential still exists up to ¼ mile. "Eyes to the green" 	
ALL & ICP	Driving Hazards	<ul style="list-style-type: none"> • SEAT BELTS ON...LIGHTS ON...BEFORE wheels turn!.....even in ICP • Reduce driving speeds to allow for reaction time lag. • Expect the unexpected around every curve. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines. • Using Cell Phones while driving is against the law! 	
H,L,S,T Y,Z	Heavy Equipment Operations	<ul style="list-style-type: none"> • Ensure that communications are established with the operator. Radio Commo is Required! • Make positive eye contact with the operator before being requested to approach the equipment. • Maintain a 50' to 100' exclusion area around working equipment. • Use a spotter when backing, use qualified operators, and assign appropriate overhead. 	
ALL	Biting, Stinging Insects, & Critters	<ul style="list-style-type: none"> • If allergic to bee stings, let your DIVS & Medic/EMT's know. • Leave wildlife alone. Backhaul ALL Trash please. 	
ALL	Complacency	<ul style="list-style-type: none"> • Maintain focus! The job isn't done till we're home with our families • Don't let your operations fall into the "routine" category. • Maintain situational awareness in all activities. • The first step to an accident involves the false belief that experience makes you invulnerable 	
INCIDENT NAME South Complex ICS 215a		DATE PREPARED: <p align="center">September 8th, 2015</p>	OPERATIONAL PERIOD Wednesday, Day Shift 9/9/2015, 0700 - 1900 Prepared by: Tanzi – SOF1, Barnhart – SOF2
		TIME PREPARED: 1930 HOURS	



ON A HILLSIDE WHERE ROLLING MATERIAL CAN IGNITE FUEL BELOW

Operational Engagement Category

When firefighters find themselves in Watchout Situation #13, they must answer the following questions:

- Can you locate/construct a line to prevent material from rolling below? What do you call line that catches rolling material? Describe how you would construct this type of line and what factors you would have to consider (e.g., slope, fuels, etc.)
- Will you get enough warning of rolling material to prevent being hit by it? Who needs to be watching for rolling material? What kinds of warning systems could you establish?
- Can you see where any material that rolls below you goes and what it does? What can happen when material rolls out of the fire and below you out of view? What needs to be done to mitigate this danger?
- Is the area free of large amounts of flashy fuels? Review the Common Denominators of Tragedy Fires.
- Is the area free of chimneys, gullies, and steep slopes? Review the Common Denominators of Tragedy Fires.
- Do you have two escape routes so you can go either way? Talk about where your most likely escape routes and safety zones will be when you are on a hillside where rolling material can ignite fuel below.
- To reduce the risks:
 - Post lookouts.
 - Consider locating line in a defensible position.
 - Talk about steep fires where you have had material rolling out below you and how you dealt with it.

References:
Interagency Standards for Fire and Fire Aviation Operations
Incident Response Pocket Guide

Have an idea? Have feedback? Share it.

EMAIL | Facebook | MAIL: 6 Minutes for Safety Subcommittee • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

TRAINING SPECIALIST MESSAGE

All Trainees:

If as much work as possible has been completed in the position task book, trainees may close their assignment with the Training Specialist prior to the demob process.

BEAT THE RUSH!



Bring the following to the exit interview

- *A completed and signed Performance Evaluation*
- *Your Task Book, filled in by your trainer*

Forms are available at the Training Unit

My success was because I went where the puck was going to be, not where it was. - Wayne Gretzky

Appendix A

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 (feet)
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.

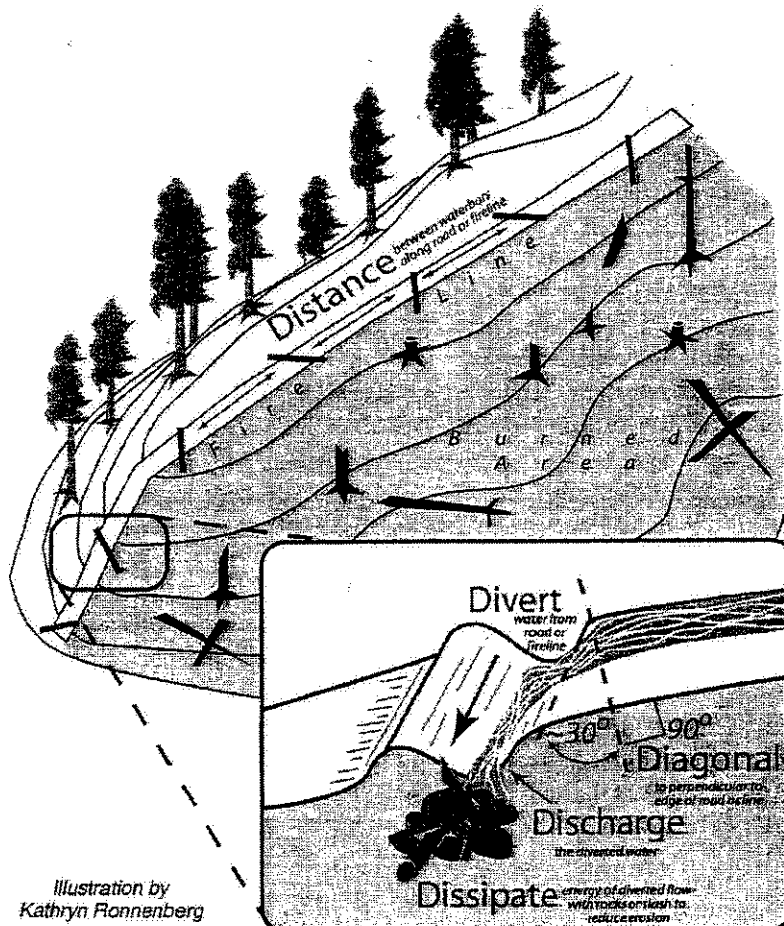
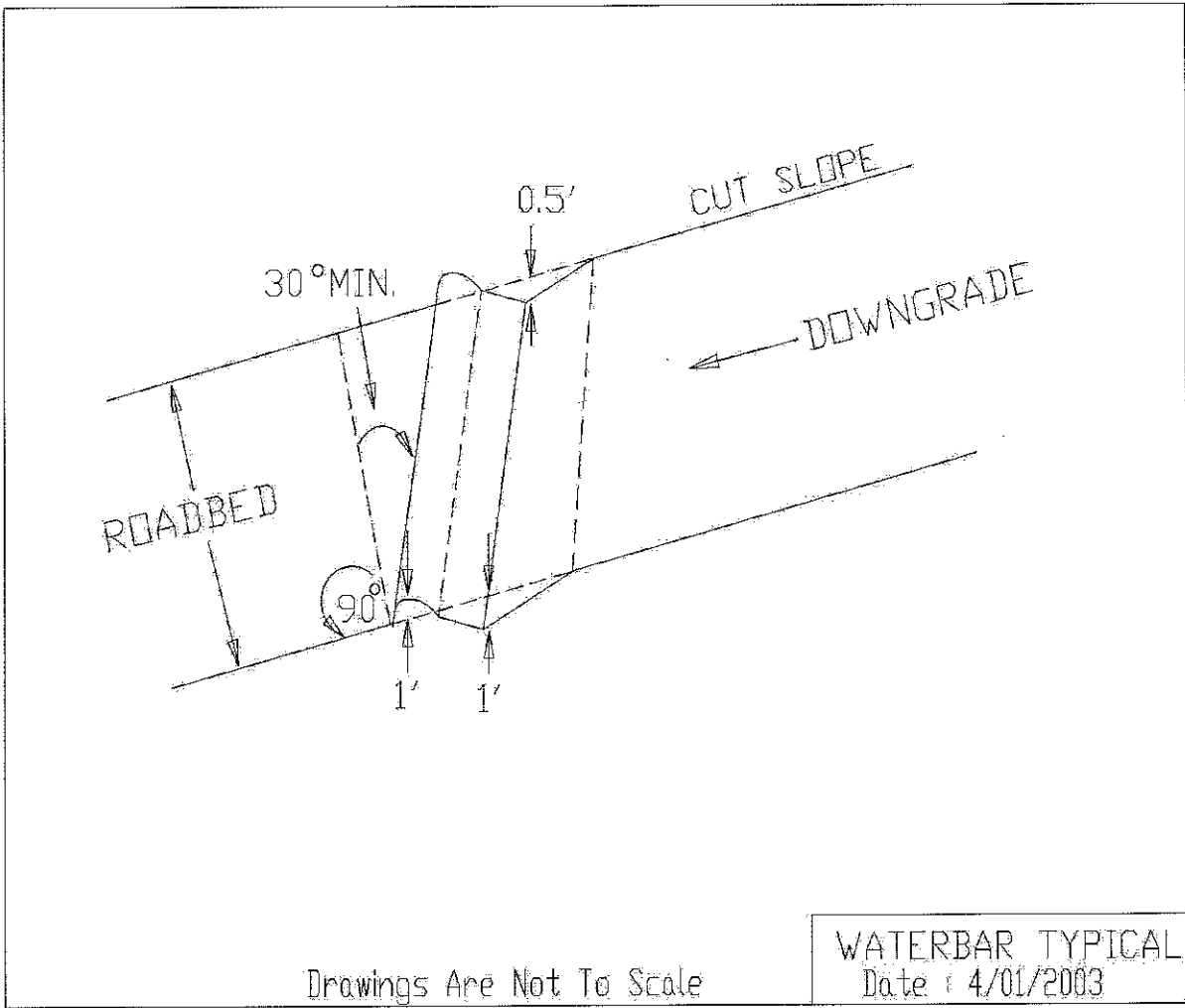


Illustration by
Kathryn Ronnenberg



INCIDENT WATER USE LOG

DATE	WATER SOURCE	QUANTITY	E NUMBER	DRIVER

Use this log to track water use.

Include the following information:

- Date water was received
- Water Source (Where you got the water)
- Gallons collected
- Resource Order number of resource collecting water
- Driver Name

Return this form to FINANCE

(Additional forms available in Finance)

