

Bald Hill #3

Incident Action Plan

Tuesday, September 16th, 2014

Day Shift 0600 - 2000



- Expect Logging Truck Traffic on Pine Creek Road to 96.
 - ✓ Drive Defensively.....Stay within your lane or on your side of the road
 - ✓ Headlights on. Seatbelts secure on all personnel as soon as wheels turn.
 - ✓ Go Slow. Set a good example for others to follow.
- Awesome Safety Record!
 - ✓ Keep up the GREAT work!
 - ✓ Keep your eyes on the prize.....Making it home safely to your Families

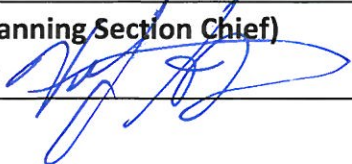

KEEP A HIGH LEVEL OF SITUATIONAL AWARENESS

Bald Hill #3: CA-HIA-014-211

PAJD9U, (1502)

Hoopa Valley Tribe

Northern California Incident Management Team 1

INCIDENT OBJECTIVES	1. Incident Name Bald Hill #3	2. Date 09/15/2014	3. Time 1900									
4. Operational Period September 16, 2014 DAY SHIFT												
<u>CONTROL OBJECTIVES</u> 1) Provide for firefighter and public safety by utilizing the risk management process. 2) Keep the Bald Hill #3 Fire within established containment lines. <u>MANAGEMENT OBJECTIVES</u> 1) Plan and execute strategies and tactics with safety as the highest priority for incident personnel and the public. 2) Minimize loss and damage to priority viewsheds, spotted owl habitat, cultural resources, and timberlands. 3) Utilizing a full suppression strategy, minimize costs while balancing protection of economic values at risk. 4) Provide timely information to the public and coordinate press releases through the Hoopa Valley Tribe.												
6. Weather Forecast for Period <ul style="list-style-type: none"> See attached weather forecast. 												
7. General Safety Message <ul style="list-style-type: none"> See attached safety messages. 												
8. Attachments (mark if attached)												
<table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Weather</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> ICS215a</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> ICS 220</td> <td><input type="checkbox"/> Rehab Considerations</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather										
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a										
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations										
9. Prepared by (Planning Section Chief) Valery Lambeth 		10. Approved by (Incident Commander) Mike Minton 										



Bald Hill 3 Fire Weather Forecast



FORECAST NO: 2 D
 PREDICTION FOR: Tuesday Day Shift
 SHIFT DATE: September 16, 2014
 FORECAST ISSUED: 1900 September 15, 2014

NAME OF FIRE: Bald Hill 3
 UNIT: Hoopa BIA
 Incident Meteorologist: Jeff Tonkin

WEATHER DISCUSSION: A moderately strong Pacific low will approach the north coast today. This feature has enhanced the marine layer pushing low level moisture into the Hoopa area this morning. Relative Humidity will be higher today...along with cooler temperatures and increasing in cloud cover this afternoon. Winds will generally be out of the southeast this morning shifting to southwest in the afternoon. At this time total rainfall amounts look to be around 0.10 inches between Wednesday and Thursday. On Friday high pressure returns with the likelihood of moderate offshore flow.

WEATHER FORECAST FOR TODAY (TUESDAY DAY SHIFT):

WEATHER: Some morning low clouds...then clearing. Increasing high clouds in the afternoon.
MAX TEMP (2500 FT) : 76 – 80
MIN HUMIDITY (2500 FT): 29 – 34%
WINDS (EYE LEVEL 2500 FT): Southeast 3 to 6 mph until 1100...then West and Southwest 4 to 8 mph...with gusts to 14 in the afternoon.
LAL: 1 **CWR:** 0% **HAINES:** 3-4
STABILITY / INVERSION: Inversion should break by 1100.
SMOKE TRANSPORT: South 5-10 mph.

WEATHER FORECAST FOR TONIGHT (TUESDAY NIGHT SHIFT):

WEATHER: Partly Cloudy to Mostly Cloudy...a few sprinkles possible.
MIN TEMPERATURES (2500 FT): 53 – 58 F
MAX HUMIDITY (2500 FT): 65-70%
WINDS (EYE LEVEL 2500 FT): Southeast 3 to 6 mph.
LAL: 1 **CWR:** 0% **HAINES:** 3
STABILITY / INVERSION: Weak to moderate inversion overnight.
SMOKE TRANSPORT: Southeast 5-10 mph.

OUTLOOK FOR WEDNESDAY (2500 FT): Mostly cloudy...very light rain likely in the late afternoon. Max Temps: 73 to 76. Min RH: 30 - 35%. Wind: South Southwest 4 – 8 mph gusts 15 mph. LAL 1. CWR 20%. Haines 3.

THREE DAY EXTENDED DAYTIME (THURSDAY – SATURDAY 2500 FT)

	<u>Max T</u>	<u>Min RH</u>	<u>Max RH</u>	<u>Ridge Winds</u>	<u>LAL</u>	<u>WX</u>
THU	71 – 75	45%	90%	S/SW 7 - 10 G 15 mph	1	SHWRS
FRI	78 – 83	30%	70%	NW 4 - 6 G 10 mph	1	
SAT	85 – 89	22%	50%	NE 4 – 6 mph	1	

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 5

TYPE OF FIRE: Wildland Fire

FIRE NAME: Bald Hill 3

OPERATIONAL PERIOD: 9/16 0600 to 2000

DATE ISSUED: 9/15/14

TIME ISSUED: 2000

UNIT: Hoopa-HIA

SIGNED: /s/ John Wood FBAN

INPUTS

WEATHER SUMMARY: A moderately strong Pacific low will approach the north coast today. This feature has enhanced the marine layer pushing low level moisture into the Hoopa area this morning. Relative Humidity will be higher today along with cooler temperatures and an increase in cloud cover this afternoon. Winds will generally be out of the southeast this morning shifting to southwest in the afternoon. At this time total rainfall amounts look to be around 0.10 inches between Wednesday and Thursday. On Friday high pressure returns with the likelihood of moderate offshore flow. Maximum temperatures 76-80. Minimum humidity 39-34 percent. Winds Southeast 3-6 mph until 1100, then West and Southwest 4-8 mph with gusts reaching 14 mph in the afternoon.

Haines: 3-4

ERC: 73

OUTPUTS

GENERAL:

Ahead of the approaching front, conditions will moderate slowly throughout the day with good recoveries occurring over the fire area. Winds may make the largest change with possible gusts reaching 14mph. Even the increased winds are not expected to have a large influence on fire behavior because of the sheltering. Exceptions may be near the ridge top and around Hog Ranch Prairie. Fuels will burn out throughout the shift and duff and heavy fuels will need to be worked to effectively put them out. Rates of spread in timber fuels up to 3-6 ch/hr and 4-6 foot flame lengths where wind and slope align. These fuels will need a combination of wind and slope to spread at the higher forecast levels. Anticipate spread rates on average to range from 1-2 ch/hr.

SPECIFIC:

Fuel moisture: **1hr 5% 1000 hr 10% Live 90%** Prob. of ign. **35-55%** Spot distance up to **.2 of a mile.**

Div. A: No significant fire spread is expected on this division. Some activity may remain in the upper end of the division near Drop Point 3.

Div. T: Fire activity is expected to be limited to burn down of fuels within control lines. A slight potential for spotting exists from the heat within the line.

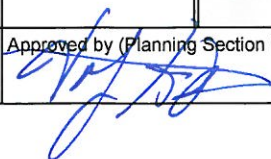
Div. Z: No significant fire spread is expected on this division.


AIR OPERATIONS

Smoke should not be a factor for air operations.

Safety Message

As the fire winds down remember to focus on your crews assignment. What task what needs to be done, why the task needs to be completed and what the end product will look like when the work is complete. Don't be distracted by complacency.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A			
3. Incident Name Bald Hill #3			4. Operational Period DAY OPERATIONS					
			Date: September 16, 2014		Time: 0600 - 2000			
5. Operations Personnel								
Operations Chief		Kent Swartzlander, Dustan Mueller (t)			Division Supervisor		Jesse Knox, Ray Dombrowski (t)	
Branch Director					Air Support		Brian Rogers (t)	
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
HC1 Flathead IHC	Tyler Anderson	9/23	21	N	0700	1900		
HC2IA Boise Crew 3	Wade Clark	9/18	21	N	0700	1900		
HC1 Pike	Tom Allbright	9/24	20	N	0700	1900		
HC Salyer	Dale Mendes	9/26	13	N	0700	1900		
S/T 3615C	Dave Grossman	9/25	25	N	0700	1900		
WT2 Roger Brown (E-6)			1	N	0700	1900		
WT2 HCTV Roads Dept (E-7)			1	N	0700	1900		
WT2 Six Rivers Const. (E- 27)			2	N	0700	1900		
WT2 SRF 35	Kirby Bennett		1	N	0700	1900		
FALC	Emil Marshall		1	N	0700	1900		
FELB	Borg		1	N	0700	1900		
FALC	Roy Ammon		1	N	0700	1900		
FELB	Richardson		1	N	0700	1900		
SOF2 (Divisions A & Z)	Bob Kafka		1	N	0700	1900		
FEMP (All Divisions)	Ron Sandler		1	N	0700	1900		
7. Control Operations								
<ul style="list-style-type: none"> Fall hazard trees affecting work areas when safe to do so. Complete mop up to 300 feet where safe to do so. Complete suppression repair of indirect dozer line from T/A break. Initiate suppression repair of handline where appropriate. 								
8. Special Instructions								
<ul style="list-style-type: none"> Backhaul all trash and unnecessary equipment. 								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
NIFC CMD 3	RX 168.0750N TX 170.4250N	CMD 3	1 Tone 3 (131.8)					
Tactical Division/Group	RX 168.0500N TX 168.0500N	NIFC TAC 1	2					
				Air to Ground	RX 168.5000 TX 168.5000	Bald A/G	6	
Prepared by (Resource Unit Leader) L. Charbonnier			Approved by (Planning Section Chief) 			Date 9/15/2014		Time 20:15

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name Bald 3 CA-HIA-0014211			Date/Time Prepared 09/15/14 1930		Operational Period Date/Time DAY SHIFT 09-16-14, 0600-2000	
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	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	NIFC CMD 3	CMD 3	ALL DIVISIONS	168.0750N		170.4250N	T3,131.8	A	
2	TACTICAL	NIFC T-1	DIVISION A	168.0500N		168.0500N		A	
3	TACTICAL	NIFC T-3	DIVISION T	168.6000N		168.6000N		A	
4	TACTICAL	NIFC T-5	DIVISION Z	166.7250N		166.7250N		A	
5	TACTICAL	NIFC T-6	Unassigned for expansion	166.7750N		166.7750N		A	
6	BALD A/G	BALD A/G	ALL DIVISIONS	168.5000N		168.5000N		A	
7	HIA IA DISPATCH	HIA RPT	LOCAL IA	155.3850N		150.8050N	T6,156.7	A	IA OR IF BALD CMD FAILS COMPLETELY
8	HIA IA TACTICAL	HIA TAC4	LOCAL IA	155.8200N		155.8200N		A	
9	SRF/HIA A/G	FS AG 43	LOCAL/SRF A/G	167.6000N		167.6000N		A	
10	HUU LOCAL	HUU RPT	HUMBOLT UNIT DISPATCH	151.2500N		159.4050N	T13,141.3	A	
11	HUU IA TACTICAL	CDF T3	CALFIRE IA TAC	151.1750N		151.1750N	T16,192.8	A	
12	HUU IA A/G	CDF A/G	CALFIRE IA A/G	151.2200N		151.2200N	T1,110.9	A	
13	SRF DISPATCH	SRF RPT	SRF IA	168.7250N		170.1250N		A	TONES 10(107.2) OR 11(114.8)
14	FS IA TACTICAL	NIFC T2	SRF IA	168.2000N		168.2000N		A	
15	CALCORD	CALCORD	MED HELO CONTACT	156.0750N		156.0750N	T6,156.7	A	
16	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	T1, 110.9	A	USE ONLY FOR URGENT AIRCRAFT CONTACT IF HAND PROGRAMMING USE TONE 1
Prepared by			Incident Location						
 Phil Shafer, COML NorCal I/M 1			HOOPA, CA						

AIR OPERATIONS SUMMARY

Prepared By: B. Rogers

Prepared Date: 9/15/2014

Prepared Time: 2000

1. INCIDENT NAME: Bald 3 CA-HIA-14211	2. OPS PERIOD DATE: 9/16/2014	START TIME: 0800	END TIME: 2100	SUNRISE: 0650	SUNSET: 1920
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in river canyons, perform high level recon before flying low. Practice good communication and airspace coordination. Practice good communication with ground resources, ensure line is clear before dropping.					
4. READY ALERT AIRCRAFT MEDEVAC: H-408 (Weed, 24 hr Hoist) H-8MC H-510 I.A.: H-8MC			5. TFR #: 4/4902 Center: N 41° 07.166' W 123° 42.750' Radius: 5 nm Ceiling: 6000' MSL Frequency: 124.925		

6. PERSONNEL		NAME	PHONE #	7. FREQUENCIES		AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base	
AOBD				AIR/ AIR RW (TFR Freq)		124.925		AIRTANKERS-	
ASGS	Brian Rogers	530-521-1843		AIR/ AIR RW- FF			166.8250	LEAD PLANES-	
ATGS				Air to Ground			168.5000		
HLCO				COMMAND	Rx		168.0750		Fortuna ECC Aircraft Dispatcher 707-726-1266
HEB2					Tx		170.4250		OTHER FW AIRCRAFT-
HEB2(T)					Tn		T3, 131.8		
Air Ops (ICP)				DECK			163.1000		

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	
H-8MC	3	Astar B3	Hoopla ICP	0830	0900	Medevac, PAX, Recon, Bucket			Other Equipment Assigned					
H-510	2	Bell 205 A1++	O21	0830	0900	Medevac, PAX, Bucket, PSD	Water Tender	2	Type 2	O21				E-34

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

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name				2. Operational Period				
Bald Hill #3				Date/Time 9/16/14 Day				
3. Ambulance Services								
Name	Location	Phone & EMS Frequency		Advanced Life Support (ALS)				
				Yes	No			
Hoopa Ambulance	Hoopa & Willow Creek, CA	911 or 530-625-4180		X				
4. Air Ambulance Services								
Name	Phone	Type of Aircraft & Capability						
REACH 45 min eta	911 or 800-338-4045	Air Ambulance – Redding, CA - Day/Night						
PHI / Mercy Air 45 min eta	911 or 800-597-9571	Air Ambulance – Redding, CA - Day/Night						
Calfire H-102 22 min eta	911 or 707-726-1280	Hoist Rescue – Kneeland, CA						
Kern H-408 45 min eta	911	Hoist Rescue – Weed, CA – Day/Night						
H-8MC or H-510 5 min eta	Contact Helibase	Incident medi-vac ships - BLS						
5. Hospitals								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Gnd		Phone	Helipad Yes No		Address
K'ima:w Medical Clinic	Lat:	N40°02.49		5 min	35 min	530-625-4261	X	535 Airport Rd. Hoopa, CA 95546
	Long:	W123°40.07						
	VHF:							
Mad River Community Hospital	Lat:	N40°53.45		25 min	1:15 hrs	707-826-8264	X	3800 Janes Rd. Arcata, CA 95521
	Long:	W124°05.25						
	VHF:							
Shasta Regional Medical Center	Lat:	N40°35.08		40 min	2:30 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	5 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								
Bald Medical Unit– ICP Hoopa Fire Station N 41°02.83 W 123°40.39			Point of Contact:			MEDL – Josh Ramey (Cell: 530-277-1213)		
			EMS Responders & Capability:			Basic Life Support		
			Equipment Available on Site:			Medical supplies		
			Ambulance ETA :			Air – 40 min. Ground – 5 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>			9/15/14 1930		Michele Tanzi <i>Michele Tanzi</i>		8/15/14 1930	

MEDICAL PLAN (ICS 206 WF)

Medical Incident Report

Use items one through nine to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS, DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT"

Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)

2. INCIDENT STATUS: *Provide incident summary and command structure.*

- **Nature of Injury/Illness** *Describe the injury (Ex: Broken leg with bleeding)* _____
- **Incident Name** *Geographic Name + "Medical" (Ex: Trout Meadow Medical)* _____
- **Incident Commander** *Name of IC* _____
- **Patient Care** *Name of Care Provider (Ex: EMT Smith)* _____

3. INITIAL PATIENT ASSESSMENT: *Complete this section for each pt. This is only a brief, initial assessment. Provide additional pt. info after completing this report.*

- **Number of Patients:** _____ - **Male / Female:** _____ - **Age:** _____ - **Weight:** _____
- **Conscious?** **YES** **NO = MEDEVAC!** - **Breathing?** **YES** **NO = MEDEVAC!**
- **Mechanism of Injury** *What caused the injury?* _____
- **Location, Lat/Long** *(Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'* _____

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED <i>Life threatening injury or illness.</i> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW <i>Serious Injury or illness.</i> <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN <i>Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

5. TRANSPORT PLAN:

Air Transport: *(Agency Aircraft Preferred)*

- Helispot
- Short-haul/Hoist
- Life Flight
- Other

Ground Transport:

- Self-Extract
- Carry-Out
- Ambulance
- Other

6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- Paramedic/EMT(s)
- SKED/Backboard/C-Collar
- Crew(s)
- Burn Supplies
- Oxygen
- Trauma Bag
- Medication(s)
- IV/Fluid(s)
- Cardiac Monitor/AED
- Other (i.e. splints, rope rescue, wheeled litter)

7. COMMUNICATIONS:

- Run Medical Emergency on COMMAND
- Coordinate with air ambulance on CALCORD tone 6

8. EVACUATION LOCATION:

- **Lat/Long** *(Datum WGS84) EX: N 40 42.45' x W 123 03.24'* _____
- **Patient's ETA to Evacuation Location:** _____
- **Helispot/Extraction Size and Hazards:** _____

9. CONTINGENCY: *If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...*

REMEMBER:

- 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.

INCIDENT RISK ANALYSIS

Bald Hill # 3

(ICS 215A) Tuesday, September 16, 2014 Day Shift 0600-2000

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Danger Trees & Procedural Felling Operations	<ul style="list-style-type: none"> • Identify, communicate and flag all high-risk DANGER TREES. • Keep personnel out of the high-risk areas until the hazards have been removed. • Establish Lookouts when engaged in felling operations. • Scout work area for overhead hazards to ensure safe work areas. • Mitigate using qualified personnel only. • Re-assess the need to eliminate the hazard by felling if it is feasible to keep personnel away • If unable to mitigate hazard, Flag Off area, communicate the location & keep personnel away. • Review and brief your crews using pages 22, 23 & 79 in 2014 IRPG
ALL	Medical Emergencies	<ul style="list-style-type: none"> • Review and understand Medical Plan in IAP. Call incident information into Bald Communications • Base ALL operational activities on these three questions: <ul style="list-style-type: none"> ○ What are we going to do if someone gets hurt? ○ How will we get them out of here? ○ How long will it take to get them to a hospital? • If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics! • Review and brief your crews using page 2 in the IRPG. • If Air Transportation is requested, monitor CALCORD on Channel 15
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a minimum of 250ml/hour; (1/2 of canteen) • Drink water & Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink). • 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. • Ensure your crews take an adequate water/electrolyte supply out to assignment and order more as needed. Take frequent snack breaks to keep blood sugar levels up. • Pace work to avoid heat injuries • Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness & Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> ○ Cool patient as quickly as possible! ○ Move patient to a cooler location and provide cold water and sports drink. ○ Actively reduce core temperature through evaporation by fanning patient. ○ Cover head and neck with wet cloth, increase air movement. ○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness Headaches, clammy skin, persistent muscle cramps, decreased urine output. ○ Remove Patient from fireline and seek medical attention. • Mental confusion may develop This is a serious trigger point for the potential onset of Heat Stroke. • Refer to Medical Plan for additional EMS care and Evacuation
ALL	Communications	<ul style="list-style-type: none"> • Bald Communications is staffed 24 hrs • Ensure you have received the most current communications plan, and your radios have been cloned to it before heading out to your work area. • TEST your radio before you leave camp to ensure you have commo, and then TEST again when you arrive at your work area. • Use human repeaters in areas with sketchy commo. Let Comm Unit know of "Dead Zones" • Refer to the 5 communication responsibilities listed on page ix in the 2014 IRPG
ALL	Driving Hazards	<ul style="list-style-type: none"> • Expect Logging Truck traffic on Pine Creek Rd to 96. Be alert! Stay on your side of the road! • School hours are between 0830 – 1800. Use extra caution when driving in school zones. Go SLOW! • Wildlife is abundant on the roadways during dawn and dusk hours. Expect the unexpected. • Roads within the burned areas have MANY hazards. Scout prior to committing travel through these areas. Mitigate if capable OR close road entirely until hazards have been mitigated. • Washboard conditions are common on most of the native surface roads. Maintain adequate following distances & keep speeds commensurate to the road conditions to control your vehicle. • Reduce speed in Developed Areas. Be watchful of local traffic. • Drive with your headlights on. Look before backing and/or use backer. • Maintain driving situational awareness. • SEAT BELTS ON...LIGHTS ON...BEFORE wheels turn! • Reduce driving speeds to allow for reaction time lag. • On dusty/smoky roads, don't follow too closely behind traffic. Allow time for dust/smoke to clear. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines.
Bloody Camp Rd	Chipping	<ul style="list-style-type: none"> • Brief crews with the Chipper JHA prior to use/operation. • Only trained personnel will be engaged in Chipper Operation • Ensure towing vehicle is properly outfitted with equipment to ensure safe travel. • Use of Road control measures are in place when Chipper is in operation. • JHA must be reviewed and signed by ALL new users as the crews change out.

INCIDENT RISK ANALYSIS

Bald Hill # 3

(ICS 215A) Tuesday, September 16, 2014 Day Shift 0600-2000

ALL	Fire Behavior	<ul style="list-style-type: none"> • High rates of spread (ROS) when aligned with wind & topography. • 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 and safety zones. Set trigger points when appropriate. Communicate any changes. • Spotting Potential still exists. "Eyes to the green". .2/10ths mile spotting distance, POI around 75% 	
ALL	Aircraft Operations	<ul style="list-style-type: none"> • Ensure resources are clear of "Target Area" during bucket or retardant use. • Use air-to-ground frequency to communicate with aircraft. • Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective and mirror flashes. • Consider risk vs gain • Ensure use of trained personnel when involved with longline operations. • Keep non-essential personnel away from dip sites (natural and/or man made) • Ensure personnel receive a passenger briefing prior to flight. 	
ALL	Heavy Equipment/ Excavator's	<ul style="list-style-type: none"> • Stay 100' in front and 50' behind the equipment. Maintain safe working distances. • If working in Timber increase these distances to 2.5 times the canopy height. • Make eye contact with operator and ensure all implements have been grounded before approaching equipment. • Only the operator is authorized on the equipment. • Avoid working below equipment • Operators utilize appropriate PPE and equipment safety mechanisms. • Utilize observer or spotter. • Ensure the use of communication with operator (radio, hand signals). • Refer to and brief your crews using page 80 in the 2014 IRPG for further precautions for working around heavy equipment. 	
ALL	Mop Up	<ul style="list-style-type: none"> • Ensure you follow the guidelines specified in the Control Objectives listed on the ICS 204. • Utilize the Risk Management Process in determining depth of mop up to secure the line. • Conduct thorough briefing for all personnel (inside the rear cover of IRPG) • Use all required PPE, including eye protection • Maintain proper spacing and overhead clearance • Be alert for danger trees, stump holes, and ash pits • Scout work areas prior to engagement to identify hazards, communicate to all personnel and flag off till mitigation measures have been utilized. • Minimize exposure to smoke and rotate personnel into clean air when practical • Evaluate unburned islands and increase situational awareness 	
ALL	Biting, Stinging Insects (Rattle Snakes, Scorpions, Bees, Mosquitoes, Ticks, etc)	<ul style="list-style-type: none"> • If allergic to bee stings, let your DIVS & EMT's and Medic's know. • Leave the snakes alone! • Shake out boots and or sleeping bags prior to use • Use bug spray to minimize mosquito bites. • Check yourself daily for tick bites. 	
ALL	Complacency and Fatigue	<ul style="list-style-type: none"> • Don't let your operations fall into the "routine" category. • Maintain situational awareness in all activities. • Be alert for signs of fatigue and take breaks as necessary • Maintain 2:1 work/rest ratio • Monitor incoming resources for level of fatigue 	
INCIDENT NAME Bald Hill # 3 ICS 215a		DATE PREPARED: September 15, 2014	OPERATIONAL PERIOD Day Shift 9/16/2014, 0600-2000 Prepared by: M.Tanzi, SOF2
		TIME PREPARED: 2000 HOURS	



Today's discussion is from the
First Aid/Health Category.

Fatigue/Stress

Accumulated (Chronic) Fatigue is defined as fatigue from which normal rest does not produce recovery. Accumulated fatigue is often caused by extended periods of stress with inadequate recovery periods, which results in decreased productivity, compromised immune function, and reduced alertness. Fatigued workers perform poorly, behave carelessly, tolerate greater errors and become inattentive. Chronic fatigue often results in increased stress, which may present itself through certain behavioral and physiological indicators, such as those described below:

- Behavioral indicators
 - Decreased motivation and low morale
 - Increased irritability and depression

- Physiological indicators
 - Confused, poor problem solving
 - Poor abstract thinking
 - poor attention/decisions
 - poor concentration/memory
 - extreme emotional responses
 - social/behavioral changes

- Recommendations for chronic fatigue/stress are:
 - Take longer periods of rest/recovery
 - Ensure that workers are adequately rested before they begin work shifts
 - Provide periodic rest breaks to allow physical and mental recovery
 - Alternate between heavy and light tasks
 - Eat well-balanced meals regularly, with energy supplements during periods of high exertion
 - Maintain hydration
 - Ensure workers maintain good personal hygiene
 - Maintain high standards of physical fitness and work capacity
 - In extreme cases, personnel may need to be relieved of their duties

References:

Wildland Firefighter Health & Safety Report, Missoula Technology & Development Center
1) Spring 2004
2) Fall 2000
3) Fatigue Awareness PowerPoint

CISM Information Pamphlet, International Critical Incident Stress Foundation www.icisf.org

Have an idea? Have feedback? Share it.

ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

6 Minutes Home

The 5-D System for Effective Waterbars

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, 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 widths wide and 12-24 inches high.

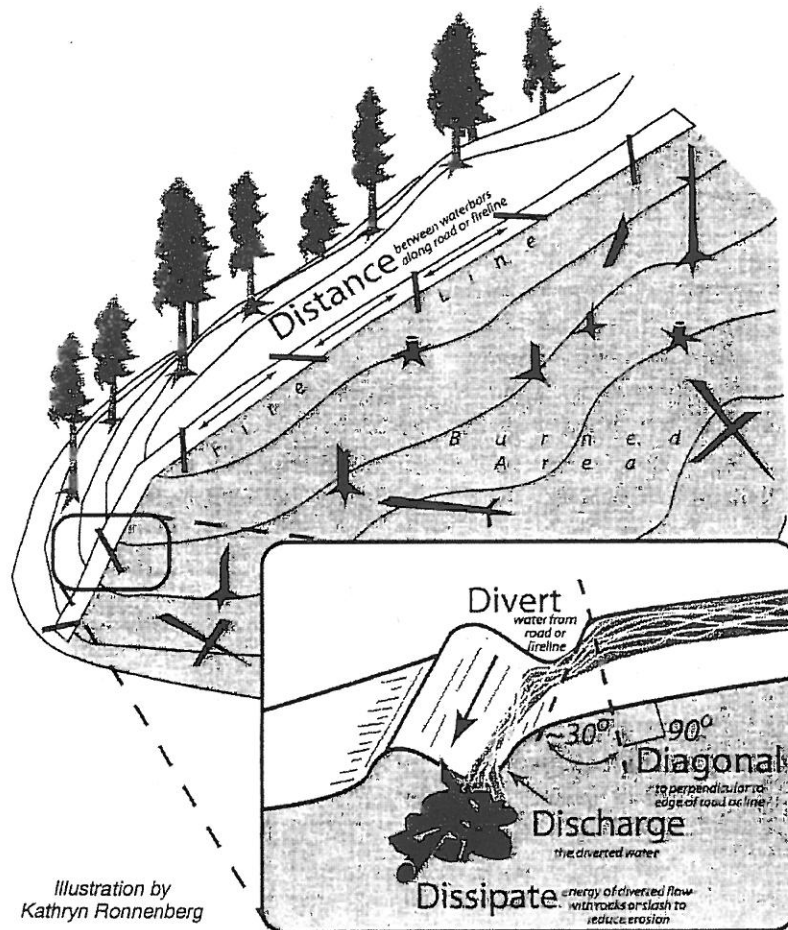


Illustration by
Kathryn Ronnenberg

Date & Time Order was placed:		Order #	Location & Time for Delivery (DIV,LZ,DP,Lat Long)		Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pick up)
			Lat:		
			Long:		
Order received in Communications by (Name):					Time:
Order shipped to line by (Name): (Send this sheet to the line with the order)					Time:
#	Item				
1	1,000 Foot Hose Lay includes the following: Amount_____				
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles				
2	2,000 Foot Hose Lay includes the following: Amount_____				
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles				
3	3,000 Foot Hose Lay includes the following: Amount_____				
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles				
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"		30	Gas Unleaded (Gallons)	
5	Hose (100'), 1"		31	Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		32	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		33	Drip Torch ea	
8	Nozzle, Forester, 1"		34	Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"		35	Fusees (Boxes or cases)???	
10	Nozzle, KK Type, 1½"		36	Flare Gun Rounds (12/BX)	
11	Wye, Gated, 3/4"		37	Cartridge #6 purple (box)	
12	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		40	Water, Cubies	
15	Inline-Tee, 1x1x1"		41	Water, Bottled, Cases	
16	Inline-Tee (1½" X 1")		42	Gatorade	
17	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
18	Reducer, 1½" X 1"		44	Heavy Mill Plastic	
19	Increaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
20	Increaser, 1" X 1½"		46	Wrap, Structure 54"x300'	
21	Foam 5 gal		47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)		48	Mark 3 Pump	
23	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (Gallons?)		50	Chainsaw Kit	
25	Porta-Tank (Gallons?)		51	Mop-Up Kit, 3-Wand	
26	Shovel		52	Pump Kit, Lightweight, 2 Cycle	
27	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
28	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
	Notes:			Notes:	

