

# Lava Mountain

Incident Action Plan

Saturday August 6,

2016 Day/Night

Operations

WY-SHF-000267

P2KF6X (0214)

Day Operational Period 0600 to 2200

Night Operational Period 1700 to 0800



## Planning Schedule

0600-Day operational Briefing  
Sawmill Base Camp  
1200-Command and General Staff  
ICP  
1700-Tactics and Pre-Plan Meeting  
ICP  
1800-Planning Meeting  
ICP

Great Basin Team 2

Kim Martin, Incident Commander

MAP



NAD 83, UTM Zone 12N  
DD MM.MMM

IAP



## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>		<b>2. Operational Period: DAY/NIGHT</b>	
LAVA MOUNTAIN		Date/Time From: 08/06/2016 0600      SAT	Date/Time To: 08/06/2016 2200      SAT
<b>3. Objective(s):</b>			
<p>Perform incident actions with an emphasis on risk assessment and appropriate mitigation for the safety of the public and all personnel assigned.</p> <p>Take appropriate suppression actions to protect both public and private property and infrastructure.</p> <p>Minimize the loss of or damage to sage grouse and wildlife habitat, forage resources, cultural sites, timber resources, aquatic species, and watersheds from fire impact, suppression action, or logistical operations.</p> <p>Ensure accurate, effective and timely communication between the public, stakeholders, cooperators, agencies and all personnel assigned to the incident.</p> <p>Implement appropriate suppression actions to protect the public and incident personnel from the health and safety impacts related to smoke. Monitor and communicate air quality and smoke forecasts for health hazards and impact to highways.</p>			
<b>4. Operational Period Command Emphasis:</b>			
<p><b>General Situational Awareness:</b></p> <p>All newly assigned resources must complete bear awareness training. Bear awareness training will be held immediately following the division breakouts each day. This is bear country! Follow food storage order.</p>			
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
<b>Approved Site Safety Plan(s) Located at:</b>			
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	<b>Other Attachments:</b> <input checked="" type="checkbox"/> BASE CAMP MAP <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208		
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220		
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart		
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents		
<input checked="" type="checkbox"/> ICS 206			
<b>7. Prepared by:</b> CHRIS JOHNSON		<b>Position/Title:</b> RESL (T)	<b>Signature:</b>
<b>8. Approved by Incident Commander:</b>		<b>Name:</b> <i>Paul R. Boyler</i>	<b>Signature:</b> <i>Paul R. Boyler DAC</i>
ICS 202		IAP Page	Date/Time:

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period: DAY/NIGHT</b>	
LAVA MOUNTAIN		Date/Time From: 08/06/2016 0600 SAT	Date/Time To: 08/06/2016 2200 SAT
<b>3. Incident Commander(s) and Command Staff:</b>		SECURITY UNIT	CURT ORDE
IC/UC	MARTIN, KIM	RCDM	BEESLEY, RUSSELL
DEPUTY	BROYLES, PAUL	FOOD UNIT	HOLDER, LINDA
SAFETY OFFICER	CUTSHAW, LANEY BLOMS, ROD	ORDERING MANAGER	PETERS, JASON/EVANS, BECKY
<b>7. Operations Section:</b>			
INFORMATION OFFICER	EAKER, D/HAMPTON B	OPS SECTION CHIEF	OLSON, CHAD JOHNSTON, MICHAEL(t)
LIAISON OFFICER	SACHS, G/LYTLE V/STELTER, C (T)	PLANNING OPS	PEEL, C/HUTTA P (T)
HR SPECIALIST	MORA, KAREN		
<b>4. Agency/Organization Representative(s):</b>			
<b>Agency/Organization</b>	<b>Name</b>	DIVISION/GROUP	ALPHA /BRAVO/ZULU HAYWARD, SILVESTER
FREMONT COUNTY	HASLEM, CRAIG	DIVISION/GROUP	FOXTROT/JULIE T/OSCAR JOHNSTON, SPENCER DEAN PARRISH, RAYMOND
FREMONT COUNTY SHERIFF	LEE, RYAN	DIVISION/GROUP	SUPPRESSION REPAIR MARTIN, ALEXSIS
USFS	METZGER RICK	DIVISION/GROUP	STAGING SMITH, JEFFERY
BLM RESOURCE ADVISOR	KRAMER, TIM	<b>7b. Air Operations Branch:</b>	
USFS RESOURCE ADVISOR	HOUCK, BRANDON (8-16-16) JANN, LUCINDA (8-7-16)	AIR OPS BRANCH DIRECTOR	TALLEY, KEITH
BLM	LUSE, ERIC	AIR ATTACK SUPERVISOR	VERO, CHRIS
WY. ST. FORESTRY	SHROYER, JOSH	AIR SUPPORT SUPERVISOR	MUNSON, BRIAN KAHLER, ADAM
DUBOIS VFD	CHIEF MIKE FRANCHINI	HEBM	DRINVILLE, B ALDRICH D (T) (T)
<b>5. Planning Section:</b>		<b>8. Finance/Administration Section:</b>	
CHIEF	DUNN, THOMAS	CHIEF	BASS, CAROL/HAHNENBERG, L. (T)
RESOURCES UNIT	POLLOCK, S/JOHNSON C	TIME UNIT	PORTER, JAMIE
SITUATION UNIT	PISCOPO, ANTHONY PAPPANI, JUSTIN (T)	PROCUREMENT UNIT	SMITH, GAVIN
DOCL	MCKNIGHT, RICHARD	COMPENSATION UNIT	WATERS, R/HOLMES S (T)
DEMOBILIZATION UNIT	LAURIE, SCOTT	COST UNIT	WELLS, MARY
STATUS CHECK IN	PRICE, LORIE/ATKINS, JAMIE (T)		
FBAN	YTURRI, NICK		
GIS SPECIALIST	SILVA B/THOMAS J		
COMPUTER SPECIALIST	PARK, A/ CHRISTOPHER R		
INCIDENT METEOROLOGIST	LEBO TERRY		
TRAINING SPECIALIST	WASHCO, DONALD		
<b>6. Logistics Section:</b>			
CHIEF	TIMONEY, MEGAN		
SUPPLY UNIT	KENNEDY, T/HASELHAN H		
FACILITIES UNIT	SLACK, E/SIEBERT S		
GROUND SUPPORT UNIT	O'LEARY, MATT		
COML	ANDERSEN, VANCE		
MEDICAL UNIT	HICKS, BRUCE/TOY, BRUCE		
<b>9. Prepared By:</b>		<b>Position/Title:</b> RESL	<b>Signature:</b>
ICS 203	Name: STEVE POLLOCK IAP Page	Date/Time: 08/05/2016 1500	



## INCIDENT Weather Forecast



**FORECAST NO:** 18

**NAME OF FIRE:** Lava Mountain

**PREDICTION FOR:** Day **SHIFT**

**UNIT:** IMET – Terry Lebo

**SHIFT DATE:** Aug 6, 2016

**SIGNED:**

**TIME AND DATE**

**Incident Meteorologist**

**FORECAST ISSUED:** 2000 Aug 5, 2016

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### WEATHER DISCUSSION

Scattered afternoon and evening showers and thunderstorms will develop this weekend as monsoon moisture spreads over the area from the southwest. On Saturday daytime heating will be the main force behind storm development. Sunday a mid-level wave will tap into the increased moisture aloft, causing afternoon showers and thunderstorms. However, a combination of dry air near the surface and quick moving storms will likely prevent significant rain from falling on the fire.

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**WEATHER:** Chance of afternoon and evening showers and thunderstorms today but wetting rain is unlikely. Storms will be capable of producing strong, gusty and erratic outflow.

**TEMPERATURES:** Highs 67-72 ; Lows 48-53

**MINIMUM HUMIDITY:** 25-30%

**20 FT WINDS:**

**RIDGETOP** – Southwest 15 to 20 mph with gusts to 25 mph.

**SLOPE** – Southwest 10 to 15 mph with gusts to 20 mph.

**HAINES INDEX:** 5

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**OUTLOOK FOR (Sunday):** There will be a chance of afternoon showers and thunderstorms. Southwest winds will continue to increase with potential for gusts of 25-30 mph along ridgetops. Minimum Rhs will be around 30 with highs around 70 and lows in the upper 40s.

**OUTLOOK FOR (Monday):** Monsoon moisture exits the region during the day with skies clearing and winds becoming southwest to west with gusts as high as 30 mph along the ridgetops. Rhs will drop under 20% with highs in the low to mid 70s and lows in the lower 40s.

## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 19	<b>TYPE OF FIRE:</b> Wildfire
<b>FIRE NAME:</b> Lava Mountain Fire	<b>OPERATIONAL PERIOD:</b> Day/Night Aug 6, 2016
<b>DATE ISSUED:</b> August 5, 2016	<b>TIME ISSUED:</b> 2000
<b>UNIT:</b> WY-SHF, Shoshone National Forest	<b>SIGNED:</b> Nick Yturri – FBAN Jamie Atkins FBAN(t)

### WEATHER SUMMARY

See attached weather forecast.

### FIRE BEHAVIOR

#### Outputs for Peak Burning Conditions

**Flame lengths:** Grass/shrub – 2-5 feet  
Timber (Bug Kill) – 6-12 feet  
Timber (Lodgepole) – 3-6 feet

**Rates of spread at head:** : Grass/shrub – 20-40 ch/hr head fire, 1-2 ch/hr backing  
Timber (bug kill) – 12 – 20 ch/hr head, 1-2 ch/hr backing  
Timber (lodgepole) – 4-70 ch/hr head, 1-2 ch/hr backing

**Spotting distance:**

Torching Trees: Max distance 0.5 mile

**Probability of Ignition:** 84%

**All Divisions:** Smoldering and creeping will continue in pockets of fuel with remaining heat. Depending on available fuel, fire behavior will increase in these pockets with isolated single or group tree torching.

**Initial Attack:** Resources responding to new initial attack fires can expect to see varying rates of spread depending on fuels and slope. Slopes in alignment with the prevailing wind may cause the fire to be wind driven rather than terrain driven. Depending on fuel arrangement responding resources may expect to see group torching.

### AIR OPERATIONS

Inversion conditions should linger through mid-morning, hampering air operation early in the day.

### SAFETY

Risks to fireline personnel increase significantly during transfer of command periods regardless of the size or complexity of the incident. There is a high potential for incidents or injuries. Mitigate the risks by proper implementation of LCES—Lookout, Communications, Escape Routes, and Safety Zones.

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

<b>1. Incident Name:</b>			<b>3.</b>			
LAVA MOUNTAIN			<b>Branch:</b>		<b>Division/Group:</b>  <b>ALPHA / BRAVO / ZULU</b>	
<b>2. Operational Period:</b> <b>DAY/NIGHT</b>						
Date/Time From: 08/06/2016 0600                    SAT		Date/Time To: 08/06/2016 2200                    SAT				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		OLSON, CHAD JOHNSTON, MICHAEL (T)		<b>PLANNING OPS</b>		
				PEEL, CODY HUTTA, PAUL (T)		
<b>BRANCH DIRECTOR</b>				<b>DIVISION/GROUP SUPERVISOR</b>		
				HAYWARD, SYLVESTER (T)		
<b>AIR OPERATIONS BRANCH DIRECTOR</b>		TALLEY, KEITH		<b>AIR ATTACK SUPERVISOR</b>		
				VERO, CHRIS		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC21 WNF #1 C-38		08/10	JANELLE, C JONATHAN	20	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
HC21 MOCC INTERAGENCY CREW #2 C-39		08/08	HEIMOS, ERIC C	20	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
ENG3 LAKE DILLON FPD, #11 E-189		08/11	CORCORAN, ROBERT		SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
ENG3 ROCKY MOUNTAIN FPD E-178		08/11	FLEISCHMAN, FRED	4	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
ENG4 FREMONT CO, DUBOIS T-4 E-51		08/05	IDEKER, CORY	4	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
ENG6 LEADVILLE E-181		08/11	ORTIZ, JOHN J	3	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
ENG6 NORTH DAKOTA FS - #5273 E-195		08/11	COOPER, JONATHAN	3	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
TFLD		08/11	TURNER, SHAWN J O-242	1	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
TFLD (T)		08/10	SPRENGER, HEIDI O-211	1	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
SOFR		08/06	RAMIREZ, DAVE J O-105	1	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
SOFR (T)		08/11	TAYLOR, ASHLEY O-262	1	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
MEDIC 2 EMPF		08/11	MCDONALD, MARC O-236	1	SAWMILL BASE CAMP/0600	SAWMILL BASE CAMP/2200
<b>6. Control Operations/Work Assignments:</b>						
TASK: PARTOL AND MOP-UP DIVISION. PURPOSE: TO MINIMIZE IMPACTS TO PRIVATE PROPERTY AND STRUCTURES.						
<b>7. Special Instructions:</b>						
ENSURE ESCAPE ROUTES AND SAFETY ZONES ARE IDENTIFIED AND BRIEFED. MAINTAIN PROFESSIONAL PRINCIPLES OF DUTY, RESPECT, AND INTEGRITY TO FIREFIGHTERS, TEAM MEMBERS AND TO THE COMMUNITY AS A WHOLE. ENGINES - DO NOT USE FIRE HYDRANTS AS A WATER SOURCE, FILL AT IDENTIFIED SITES ON FIRE ONLY.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
ALL	SEE	COMMO	PLAN			
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
STEVE POLLOCK RESL			TOM DUNN PSC (T)		08/05/2016	1500

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

<b>1. Incident Name:</b>			<b>3.</b>			
LAVA MOUNTAIN			<b>Branch:</b>		<b>Division/Group:</b>  <b>FOXTROT / JULIET / OSCAR</b>	
<b>2. Operational Period:</b> <b>DAY/NIGHT</b>						
Date/Time From: 08/06/2016 0600                      SAT		Date/Time To: 08/06/2016 2200                      SAT				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		OLSON, CHAD JOHNSTON, MIKE (T)		<b>PLANNING OPS</b>		
				PEEL, CODY HUTTA, PAUL (T)		
<b>BRANCH DIRECTOR</b>				<b>DIVISION/GROUP SUPERVISOR</b>		
				JOHNSTON, SPENCER PARRISH, RAY (T)		
<b>AIR OPERATIONS BRANCH DIRECTOR</b>		TALLEY, KEITH		<b>AIR ATTACK SUPERVISOR</b>		
				VERO, CHRIS		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2I BIG HORN BASIN C-30		08/10	SCHAULAND, MATT	20	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG3 GRAND JUNCTION E-190		08/11	EVANS, JOSH	4	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG4 NATIONAL WILDLAND FIRE E-192		08/11	BLACK, JAMES	3	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG4 FREMONT CO, E-631 E-27		08/06	MORENCY, PAUL	3	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG4 FREMONT CO, DUBOIS T-5 E-52		08/05	WELLS, RICK	2	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG4 FREMONT CO, E-334 E-8		08/07	BONELLA, ZEKE	3	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG6 WEST METRO FIRE E-89		08/07	MURR, JERRY L	3	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG6 TRINIDAD FIRE E-137		08/09	ORTIZ, MIGUEL	3	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG6 UPPER PINE FPD E-142		08/10	PALESTRO, RICH	3	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG6 FREMONT CO E841 E-2		08/05	SANDERS, DALTON	1	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG6 FREMONT CO E362 E-237		08/15		3	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG6 FREMONT CO LANDER CITY E9 E-239		08/15		4	SAWMILL BASE/0600	SAWMILL BASE/2200
ENG6 FREMONT CO - E1221 E-238		08/15		3	SAWMILL BASE/0600	SAWMILL BASE/2200
TFLD		08/12	OAKLEY, DAN O-274	1	SAWMILL BASE/0600	SAWMILL BASE/2200
SOFR		08/10	BELKNAP, SCOTT A O-201	1	SAWMILL BASE/0600	SAWMILL BASE/2200
MEDIC 1 EMPF		08/11	SAUREY, KOBY O-237	1	SAWMILL BASE/0600	SAWMILL BASE/2200
<b>6. Control Operations/Work Assignments:</b>						
TASK: PARTOL AND MOP-UP DIVISION. PURPOSE: TO MINIMIZE IMPACTS TO PRIVATE PROPERTY AND STRUCTURES.						
<b>7. Special Instructions:</b>						
ENSURE ESCAPE ROUTES AND SAFETY ZONES ARE IDENTIFIED AND BRIEFED. MAINTAIN PROFESSIONAL PRINCIPLES OF DUTY, RESPECT, AND INTEGRITY TO FIREFIGHTERS, TEAM MEMBERS AND TO THE COMMUNITY AS A WHOLE. ENGINES - DO NOT USE FIRE HYDRANTS AS A WATER SOURCE, FILL AT IDENTIFIED SITES ON FIRE ONLY.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
ALL	SEE	COMMO	PLAN			
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
CHRIS JOHNSON RSEL (T)			TOM DUNN PSC(T)		08/05/2016	1500

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

<b>1. Incident Name:</b>			<b>3.</b>			
LAVA MOUNTAIN			<b>Branch:</b>		<b>Division/Group:</b>  <b>SUPPRESSION REPAIR</b>	
<b>2. Operational Period:</b> <b>DAY/NIGHT</b>						
Date/Time From: 08/06/2016 0600      SAT		Date/Time To: 08/06/2016 2200      SAT				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		OLSON CHAD JOHNSTON, MICHAEL (T)		<b>PLANNING OPS</b>		
				PEEL, CODY HUTTA, PAUL (T)		
<b>BRANCH DIRECTOR</b>				<b>DIVISION/GROUP SUPERVISOR</b>		
				MARTIN, ALEXSIS O-37 (8/8)		
<b>AIR OPERATIONS BRANCH DIRECTOR</b>		TALLEY, KEITH		<b>AIR ATTACK SUPERVISOR</b>		
				VERO, CHRIS		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
FEL1 J & D LOGGING E-111		08/09	BRADFORD, COLBY	2	SAWMILL BASE/0600	SAWMILL BASE/2200
EXCA MOORE'S QUALITY EARTHMOVING E-109		08/09	MOORE, ERIC	2	SAWMILL BASE/0600	SAWMILL BASE/2200
WTT1 SOUTH ARKANSAS, WT-11 E-207		08/11	OTTMER, PAUL E	2	SAWMILL BASE/0600	SAWMILL BASE/2200
WTT1 FISHER RIVER VALLEY FIRE E-123		08/07	PENGILLY, AARON	2	SAWMILL BASE/0600	SAWMILL BASE/2200
WTS2 LOLO FIRE SERVICE LLC E-119		08/08	ALSBURY, CAL	1	SAWMILL BASE/0600	SAWMILL BASE/2200
GRD HAYNES EXCAVATION INC GRADER E-202		08/11	BARKS, GARY	1	SAWMILL BASE/0600	SAWMILL BASE/2200
CHIPPER T2 TORCH FIRE AND SECURITY E-224		08/13	STANDISH, DAVID	2	SAWMILL BASE/0600	SAWMILL BASE/2200
TFLD		08/11	HANSEN, RENY O-243	1	SAWMILL BASE/0600	SAWMILL BASE/2200
TFLD		08/11	CHARLEY, SHELBY O-208	1	SAWMILL BASE/0600	SAWMILL BASE/2200
HEQB		08/10	HEADLEY, JASON R O-210	1	SAWMILL BASE/0600	SAWMILL BASE/2200
HEQB		08/08	OLTROGGE, PAUL O-151	1	SAWMILL BASE/0600	SAWMILL BASE/2200
HEQB		08/10	MACIEL, ANTHONY E O-213	1	SAWMILL BASE/0600	SAWMILL BASE/2200
SOFR		08/10	BELKNAP, SCOTT A O-201	1	SAWMILL BASE/0600	SAWMILL BASE/2200
READ		08/16	HOUCK, BRANDON J O-56	1	SAWMILL BASE/0600	SAWMILL BASE/2200
READ		08/07	JANN, LUCINDA O-156	1	SAWMILL BASE/0600	SAWMILL BASE/2200
READ		08/05	KRAMER, TIM O-112	1	SAWMILL BASE/0600	SAWMILL BASE/2200
READ		08/14	VOSBURGH, TIM (T) O-302	1	SAWMILL BASE/0600	SAWMILL BASE/2200
<b>6. Control Operations/Work Assignments:</b>						
REHAD DOZER LINE AT WARM SPRINGS UNION PASS REMOVE FIRE DAMAGED TREES ALONG 540 AND 732 ROADS CONTINUE CHIPPING ON 540 ROAD						
<b>7. Special Instructions:</b>						
WORK WITH SITUATION UNIT LEADER, READ'S, AND AGENCY ADMINISTRATORS IN THE IMPLEMENTATION OF THE REHABILITATION PLAN.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
ALL	SEE	COMMO	PLAN			
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
STEVE POLLOCK RESL			TOM DUNN		08/05/2016	1500

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

<b>1. Incident Name:</b>			<b>3.</b>				
LAVA MOUNTAIN			<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period: DAY/NIGHT</b>							
Date/Time From: 08/06/2016 0600 SAT		Date/Time To: 08/06/2016 2200 SAT		<b>STAGING</b>			
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		OLSON, CHAD JOHNSTON, MIKE (T)				<b>PLANNING OPS</b>	
				PEEL, CODY HUTTA, PAUL (T)			
<b>BRANCH DIRECTOR</b>				<b>DIVISION/GROUP SUPERVISOR</b>			
				SMITH, JEFFERY O-266 (8/12) STAGING MANAGER			
<b>AIR OPERATIONS BRANCH DIRECTOR</b>		TALLEY, KEITH		<b>AIR ATTACK SUPERVISOR</b>			
				VERO, CHRIS			
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
DO22 TY EXCAVATION DOZER E-6		08/11	WILLIAMS, JOHN		ICP/0600	ICP/2200	
DO22 HAYNES EXCAVATION INC E-168		08/10	LOVE, GUY	2	ICP/0600	ICP/2200	
LOWB HAYNES EXCAVATION INC E-3015		08/10		2	ICP/0600	ICP/2200	
<b>6. Control Operations/Work Assignments:</b>							
TASK: REPORT TO STAGING AREA FOLLOWING MORNING BRIEFING.							
PURPOSE: BE READY TO RESPOND TO FIRE WITHIN 2 MINUTES OF CALL .							
<b>7. Special Instructions:</b>							
MONITOR STAGING TACTICAL CHANNEL							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
ALL	SEE	COMMO	PLAN				
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
STEVE POLLOCK RESL			TOM DUNN PSC (T)		08/05/2016	1400	

# AIR OPERATIONS SUMMARY

Prepared: Adam Kahler  
ASGS-T

Prepared Date: 8/5/2016

Prepared Time: 21:08

<b>1. INCIDENT NAME:</b> Lava Mountain	<b>2. OPS PERIOD DATE:</b> 8/6/2016 <b>0600-2100</b>	<b>START TIME:</b> 0800	<b>END TIME:</b> 2100	<b>SUNRISE:</b> 0613	<b>Sunset Time:</b> 2035
<b>3. REMARKS (Safety Notes, Hazards) SEE AND AVOID GENERAL AVIATION IN AND AROUND DUBOIS AIRPORT. UTILIZE NORMAL AIRPORT PROCEDURES ENTERING AND EXITING DUBOIS AIRPORT. 122.900 (UNICOM)</b>  <b>ENSURE DIPSITES ARE CLEAR OF OVERHEAD HAZARDS BEFORE USE. REQUEST DIPSITE MANAGERS AS NEEDED.</b>  <b>HELIBASE - 43°32.926 X 109°41.276 DUBOIS AIRPORT (DUB) 7,297'</b>			<b>4. READY ALERT AIRCRAFT</b>  <b>7HX</b>  <b>LOCATED AT LAVA HB</b>		<b>5. TFR Notam:</b>  <b>No TFR</b>

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Keith Talley	AOBD 307-455-4075	CTAF – Dubois Unicom	122.9		(A-323) C 340 - 44E - Chris Vero @ COD
ASGS ASGS (T)	Gary Munson Adam Kahler		(A-308) Air/Air	123.575		<b>LEAD PLANES- As needed as requested by the ATGS</b>
ATGS	Chris Vero		(A-307) Air to Ground		166.6750	<b>SEATS- As needed as requested by the ATGS</b>
HEB2 HEB2(T)	O-111 Brian Drinville A-414.5 Dave Aldrich	Lava Helibase 307-455-4083	VMED		155.34 Tx 156.7	<b>TANKERS- As needed as requested by the ATGS</b>
ABRO	O-114 Toby Price		AIR GUARD		168.625 Tx 110.9	<b>AVAIATION SUPPORT EQUIPMENT</b>
DECK	O-115 Eric Krone					
HECM	O-116 Kevin Wallner					
HECM	O-117 John Abernathy					
HECM	O-249 Eric Hamel					

## 9. HELICOPTER

FAA N#	TY	MAKE/ MODEL	BASE	START	AVAIL	REMARKS	FAA N#	TY	MAKE/ MODEL	BASE	START	AVAIL	REMARKS
7HX A-414	2	BELL 205++	DUB	0800	0900	Buckets, cargo, crew transport	2TA A-392	3	AS350 B3	DUB	0800	0900	Recon/Palm IR

<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>			Incident Name <b>LAVA MOUNTAIN</b>			Date/Time Prepared <b>8/5/2016 20:00</b>		Operational Period Date/Time <b>8/6/2016 ALL SHIFTS</b>	
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	LAVA MT	ALL DIVS	172.3750 N		164.8750 N	103.5	A	
2	Command	WINDY RIDGE	ALL DIVS	172.3750 N		164.8750 N	110.9	A	
3	Tactical	R2 TAC	DIV A/B/Z	168.6750 N		168.6750 N		A	
4	Tactical	VFIRE21	STAGING	154.2800 N		154.2800 N	151.4	A	
5	Tactical	SHO TAC	DIV F/J/O	168.7500 N		168.7500 N		A	
6	Tactical	WORK 2	SUPPRESSION	168.6125 N		168.6125 N		A	
7	Air to Ground	VMED 28	EMERGENCY	155.3400 N		155.3400 N	156.7	A	Emergency Contact with Air MED
8	Air to Ground	A/G PRI	PRIMARY	166.6750 N		166.6750 N		A	
9	Air to Ground	A/G 13	SECONDARY	167.4250 N		167.4250 N		A	
10									
11									
12									
13									
14									
15									
16	Emergency	AIR GRD	AIR GUARD	168.6250 N		168.6250 N	110.9	A	
Prepared By (Communications Unit)									
Vance Andersen COML					<b>USE HUMAN REPEATERS WHEN NEEDED.</b>				

<b>Lava Mountain Fire Telephone List</b>		
<b>July 29, 2016</b>		
<b>ICP</b>		
Communication	307-455-4039	
Logistics	307-455-4082	
Ordering	307-455-4064	
Finance	307-455-4052	
Information	307-455-4038	
Plans - Demob	307-455-4056	
Liaison	307-455-4060	
Plans Situation	307-455-4063	
OPS/Safety	307-455-4075	
IC	307-455-4079	
<b>Sawmill Base Camp</b>		
Medical	307-455-4091	
Supply	307-455-4086	
Ground Support	307-455-4087	
Security	307-455-4089	

# HEALTH AND SAFETY MESSAGE

**SAFETY** starts with **YOU** PREDICTABLE IS PREVENTABLE

For Day Operations: August 6

INCIDENT: Lava Mountain

DATE: August 6

TIME: 0600

## Major Hazards and Risks:

- **DRIVING:** Drive defensively, Be aware of unstable & hazardous road conditions, Be alert and watch for public and other non-operational personnel in and around fire areas
- **FIRE BEHAVIOR-** look up, down and around, potential with extreme fire behavior with rapid rates of spread and resistance to control
- **HAZARD TREES:** Look up, Look down, Look around for signs of fire weakened trees
- **WILDLAND URBAN INTERFACE:** Build contingency actions into your plan to compensate for the unexpected

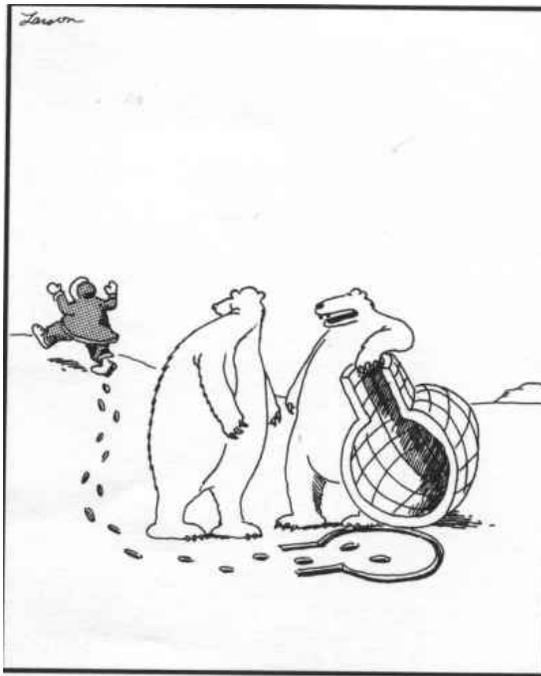
## Fire Order of the Day:

Maintain Prompt Communications with forces, supervisor and adjoining forces

- Provide good tailgate briefings and make sure all personnel understand shift orders
- Advise all personnel when committing to a significant situation

## Watch Out Situation of the Day

Instructions and assignments not clear

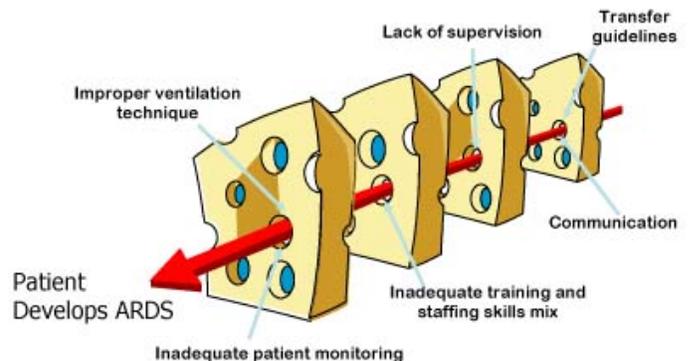


"I lift, you grab. ... Was that concept just a little too complex, Carl?"

**Be sure all facets of the plan are known!  
If not be sure to ask!**

## Situation Awareness (S.A.)

- Speak up if you see something that looks wrong!
- Get a good briefing prior to beginning your task
- Ask if you don't understand!



Don't let the holes line-up!.....do what you have to do.....break the error chain!

Thanks from your Safety Team!!!

Rod Bloms, Laney Cutshaw, Larry Klock,  
Ashley Taylor, Scott Belknap

## AFTER ACTION REVIEW?

What was planned?

What actually happened?

Why did it happen?

What can we do next time?

Need More Information? IRPG White Page xii

<b>Incident Risk Assessment Worksheet</b>					<b>1. Incident Name/Number</b> Lava Mountain WY-SHF-000267	<b>2. Location</b> Dubois WY				
<b>Identification of Hazards and Risk Assessment</b>					<b>3. Name and Title of Analyst</b> Laney Cutshaw SOF1/Rod Bloms SOF1/Cody Peel OPS1	<b>4. Date</b> Saturday, August 06, 2016				
<b>5. Pre-Control</b>					<b>6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)</b>	<b>7. Post-Control</b>				
8. Location	9. Hazard	10. Hazard Probability	11. Severity Code	12. RAC	Actions (double-click in cell then click alt + enter to add a line)	13. Hazard Probability	14. Severity Code	15. RAC	16. Acceptable (Yes/No)	
All	Hazard Trees	Occasional C	Catastrophic I	Serious	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG page 22.</li> <li>~ Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>~ Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>~ Establish trigger points for disengagement during high wind events.</li> <li>~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</li> </ul>	Rarely D	Catastrophic I	Moderate	Yes	
All	Air Operations	Occasional C	Catastrophic I	Serious	<ul style="list-style-type: none"> <li>~ Follow " Aviation Watch-Out Situations" on page 44, IRPG.</li> <li>~ Don't plan on air resources for medical transport or resupply.</li> <li>~ Refer to page 57, IRPG for directing bucket drops.</li> <li>~ Ensure positive communication with all air resources.</li> </ul>	Rarely D	Catastrophic I	Moderate	Yes	
Rehab	Heavy Equipment Operations	Occasional C	Catastrophic I	Serious	<ul style="list-style-type: none"> <li>~ Ensure communications are established with operators.</li> <li>~ Use hand signals if other communications are unavailable.</li> <li>~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber.</li> <li>~ Use a spotter when backing.</li> <li>~ Avoid working below heavy equipment.</li> <li>- Utilize the JHA for chipper operations.</li> </ul>	Rarely D	Catastrophic I	Moderate	Yes	

All	Driving & Traffic	Frequently A	Catastrophic I	Critical	<ul style="list-style-type: none"> <li>~ Practice "Defensive Driving" techniques traveling on all roads and city streets.</li> <li>~ Use spotters when backing.</li> <li>~ Honk horn to alert personnel when backing.</li> <li>~ Keep clutter off dash and inside cab.</li> <li>~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts.</li> <li>~ Always use headlights.</li> <li>~ Yield to pedestrians and bicycles.</li> <li>~ Observe posted speed limits.</li> <li>~ Use the 3 second rule for following distance when driving.</li> <li>~ Use chock blocks, turn wheels into hill.</li> <li>~ Avoid distractions (eating, cell phones, radio).</li> <li>~ Ensure that windshields are kept clean of dust and bugs.</li> </ul>	Likely B	Critical II	Serious	Yes
All	Heat Related Illness (HRI)& Dehydration	Likely B	Critical II	Serious	<ul style="list-style-type: none"> <li>~ Drink Fluids throughout operational period (6-8 qts/shift).</li> <li>~ Maintain water/electrolyte ratio of 3 to 1.</li> <li>~ Carry extra water on line and cache water at drop points.</li> <li>~Take Frequent breaks, minimum of 10 minutes every hour.</li> <li>~Allow out of area resources time to acclimatize before expecting peak performance.</li> <li>~ Recognize symptoms of HEAT RELATED ILLNESS which include. <ul style="list-style-type: none"> <li>o Lack of energy</li> <li>o Headaches, dizziness</li> <li>o Lack of rest</li> <li>o No hunger, poor eating habits</li> <li>o Hot skin, and lack of sweating</li> </ul> </li> </ul>	Occasional C	Critical II	Moderate	Yes
All	Chain Saw Operations	Likely B	Critical II	Serious	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG page 22</li> <li>~ Look up, Look down, Look around for hazard tree indicators.</li> <li>~ Only fell and buck trees within your expertise, and training.</li> <li>~ Follow "Procedural Felling Operations" on page 79 in IRPG.</li> <li>~ Do not fall trees during high wind events.</li> <li>~ Ensure proper use of all required PPE.</li> </ul>	Occasional C	Critical II	Moderate	Yes
All, +ICP	Grizzly Bear	Rarely D	Catastrophic I	Moderate	<ul style="list-style-type: none"> <li>~Monitor Food Storage</li> <li>~All line going resources will complete Grizzly Bear awareness training.</li> </ul>	Rarely D	Critical II	Minor	Yes
All	Injury & Medical Emergency	Rarely D	Catastrophic I	Moderate	<ul style="list-style-type: none"> <li>~ Assist injured employee appropriate medical care.</li> <li>~ Use EMT's on Division for initial care.</li> <li>~ Follow medical protocol as outlined in ICS-206 &amp; IRPG Pgs 99-108</li> </ul>	Rarely D	Critical II	Minor	Yes

All	Communications	Occasional C	Critical II	Moderate	<ul style="list-style-type: none"> <li>~ Maintain communication with aviation resources, and suppression organization.</li> <li>~ Ensure all know frequency and protocol for contacting resources.</li> <li>~ Utilize the ICS 205.</li> <li>~ Utilize human repeaters when working in dead spots.</li> </ul>	Rarely D	Critical II	Minor	Yes
All	Mop-up & Rehab	Likely B	Significant III	Moderate	<ul style="list-style-type: none"> <li>~ Do not work above or below personnel during rehab/mop-up operations.</li> <li>~ Alert crew personnel of rolling debris by yelling to affected individuals.</li> <li>~ Position debris that could roll vertically on slope.</li> <li>~ Wear eye protection.</li> </ul>	Occasional C	Minor IV	Negligible	Yes



## TRANSFER OF COMMAND

*Operational Engagement Category*

Risks to fireline personnel increase significantly during transfer of command periods regardless of the size or complexity of the incident. There is a high potential for fatalities, serious injuries, or incidents with potential during transfer of command periods (some have occurred in the past). Be proactive in mitigating the risks by proper implementation of LCES—Lookout, Communications, Escape Routes, and Safety Zones.

Factors for increased risks to fireline personnel during transition periods include:

- No, or poor, briefing of incoming personnel
- Lack of fire weather and behavior information, both forecast and observed
- Communications; face-to-face briefings may not be possible and radio frequencies may be overextended and/or changing due to the increased demands on the system.
- Initial attack resources may not have checked-in and the Incident Commander may not be aware of the number, type and location of all resources.
- Location of safety zones and escape routes may not be known and communicated to all resources.
- Not all Resources know who is in command.

Mitigation actions to take:

- Lookouts: Post and maintain your own lookouts.
- Communications: Maintain existing communications with your own and adjacent resources, as well as your original supervisor, while you are developing communications with incoming adjacent resources and your new supervisor.
- Escape routes and safety zones: Identify escape routes and assure incoming resources are aware of their locations; be aware that your original escape routes and safety zones may no longer be accessible due to changing fire behavior or your increased distance from them.
- Transition at the morning briefing
- Utilize the Incident Response Pocket Guide transition checklist

**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

# MEDICAL PLAN (ICS 206 WF)

<b>1. Incident/Project Name</b>		<b>2. Operational Period</b>					
<b>Lava Mountain</b>		Date/Time <b>6 August 2016 0600-2200</b>					
<b>3. Ambulance Services</b>							
<b>Name</b>	<b>Complete Address</b>	<b>Phone &amp; EMS Frequency</b>	<b>Advanced Life Support (ALS)</b> Yes                      No				
Guardian EMS Only transports to Lander/Riverton	107 Meekam Alley Dubois, WY 82513	911	<b>X</b>				
<b>4. Air Ambulance Services</b>							
<b>Name</b>	<b>Phone</b>	<b>Type of Aircraft &amp; Capability</b>					
Guardian EMS	911	911 for Gnd Amb. Is auto-launch for helo – transports to either Jackson or Lander/Riverton					
Classic Air	800-444-9223	Riverton, Wy					
<b>5. Hospitals</b>							
<b>Name and Complete Address</b>	<b>GPS Datum – NAD 83 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long</b>	<b>Travel Time</b>	<b>Air</b>	<b>Gnd</b>	<b>Phone</b>	<b>Helipad Yes No</b>	<b>Level of Care Facility</b>
<b>SageWest Hospital 1320 Bishop Randall Dr. Lander, WY 82520</b>	Lat: 42 49.19	32 min 90 min	Air Gnd		<b>ER: 307 332-4420</b>	<b>X</b>	
	Long: 108 43.688						
	Freq: Phone ER						
	Pad: Type 2 or 3						
<b>St. John's Med. Ctr. 625 E. Broadway Jackson, WY 83001</b>	Lat: 43 28.806	25 min 90 min	Air Gnd		<b>ER: 307 739-7250</b>	<b>X</b>	<b>III</b>
	Long: 110 44.981						
	Freq: Phone ER						
	Pad: Type 2 or 3						
<b>Univ. of Utah Burn Center 50 N. Medical Dr. SLC, UT 84132</b>	Lat:		Air		<b>801 581-2700</b>	<b>X</b>	<b>Burn Center</b>
	Long:						
	Freq:						
<b>Sagewest at Riverton 2100 W Sunset Dr Riverton, WY 82501</b>	Lat: 43 02.044	33 min 90 min	Air Gnd		<b>ER: 307 856-4161</b>	<b>X</b>	
	Long: 108 25.20						
	Freq: Phone ER						
	Pad: Type 2 or 3						
<b>6. Division   Branch   Group</b>		<b>Area Location Capability</b>					
<b>ICP 20 Stalnaker St. Dubois, WY 82513</b>		<b>EMS Responders &amp; Capability:</b>		<b>Bruce Hicks MEDL</b>			
		<b>Equipment Available on Scene:</b>		<b>AED</b>			
		<b>Medical Emergency Channel:</b>					
		<b>ETA for Ambulance to Scene:</b>					
		<b>Air:</b>		<b>40 min</b>			
		<b>Ground:</b>		<b>5 min</b>			
		<b>Approved Helispot:</b>		<b>Helibase</b>			
		<b>Lat:</b>					
<b>Long:</b>							

## MEDICAL PLAN (ICS 206 WF)

6. Division   Branch   Group	Area location capability	
<b>Division A/B/Z</b>  <b>Medic 2</b>	EMS Responders & Capability:	<b>Marc McDonald, Paramedic</b>
	Equipment Available on Scene:	ALS
	Medical Emergency Channel:	
	ETA for Ambulance to Scene:	
	Air:	40 min
	Ground:	20 min
	Approved Helispot:	H-3
	Lat:	
Long:		

6. Division   Branch   Group	Area location capability	
<b>Division F/J/O</b>  <b>Medic 1</b>	EMS Responders:	<b>Koby Saurey, Paramedic</b>
	Equipment on scene:	ALS
	Medical Emergency Channel:	
	ETA for Ambulance to Scene	
	Air:	40 min
	Ground:	20 min
	Approved Helispot:	H-5
	Lat:	
Long:		

6. Division   Branch   Group	Area location capability	
<b>Sawmill Medical Unit</b>  <b>Operating Hours</b> <b>0600-2200</b>	EMS Responders:	<b>Bruce Toy, Paramedic</b>
	Equipment on scene:	ALS, C-Spine, Sager, KED
	Medical Emergency Channel:	
	ETA for Ambulance to Scene	
	Air:	40 min
	Ground:	5 min
	Approved Helispot:	Helibase
	Lat:	
Long:		

8. Prepared By (Medical Unit Leader)	9. Date/Time	10. Reviewed By (Safety Officer)	11. Date/Time
<b>Bruce Hicks MEDL</b>	<b>August 5, 2016</b> <b>1930</b>	<b>Laney Cutshaw SOF1</b>	<b>August 5, 2016</b> <b>1930</b>

# MEDICAL PLAN (ICS 206 WF)

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

**1. CONTACT COMMUNICATIONS/DISPATCH**

*Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)*

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

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

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:	Weight:
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> <b>NO = MEDEVAC!</b>			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> <b>NO = MEDEVAC!</b>			
Mechanism of Injury: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>			

**4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY**

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> <b>URGENT-RED Life threatening injury or illness.</b> <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 <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW Serious Injury or illness.</b> <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 <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered <b>Routine of Convenience.</b>

**5. TRANSPORT PLAN:**

**Air Transport:** (Agency Aircraft Preferred)

<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
<b>Ground Transport:</b>			
<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other

**6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:**

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

**7. COMMUNICATIONS:**

Function	Channel Name/Number	Receive (Rx)	Tone/NAC *	Transmit (Tx)	Tone/NAC *
<i>Ex: Command</i>	<i>Forest Rpt, Ch. 2</i>	<i>168.3250</i>	<i>110.9</i>	<i>171.4325</i>	<i>110.9</i>
COMMAND					
AIR-TO-GRND					
TACTICAL					

\*(NAC for digital radio system)

**8. EVACUATION LOCATION:**

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

**9. CONTINGENCY:**

<b>Considerations:</b> <i>If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...</i>	<b>REMEMBER:</b> <span style="color: red;">Confirm ETA's of resources ordered Act according to your level of training Be Alert. Keep Calm. Think Clearly. Act Decisively.</span>
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# Lava Mountain Fire Management Activity Rehabilitation Specifications

## ***Handlines***

The purpose of handline repair is to prevent channelization of water and subsequent erosion, and to promote re-vegetation by spreading organic material over the fireline.

**Handline repair should occur on all handline in all divisions.** The berm, topsoil, and organic material (duff and slash), resulting from line construction, should be pulled back onto fireline to as close to slope contour as wildfire management activities allows. Place existing downed material over fireline or cut standing trees to effectively stop access to fire line from existing travel routes in order to prevent the fireline from becoming a new unauthorized non-motorized and/or motorized travel route.

Slopes that have the potential to capture and channel water will require waterbars. Waterbars can be constructed by building up a 6-inch high berm of soil, securing a section of log in place (minimum 6 inches diameter), placing rocks, etc. The waterbars should be constructed at an angle, ranging from 30 ° to 45° to the fire line. The outlet end of the waterbar needs to be opened and of adequate length, to allow free flow of water from the line and to prevent runoff from re-entering the line below. See Table 1 and Diagram 1 below for waterbar specifications.

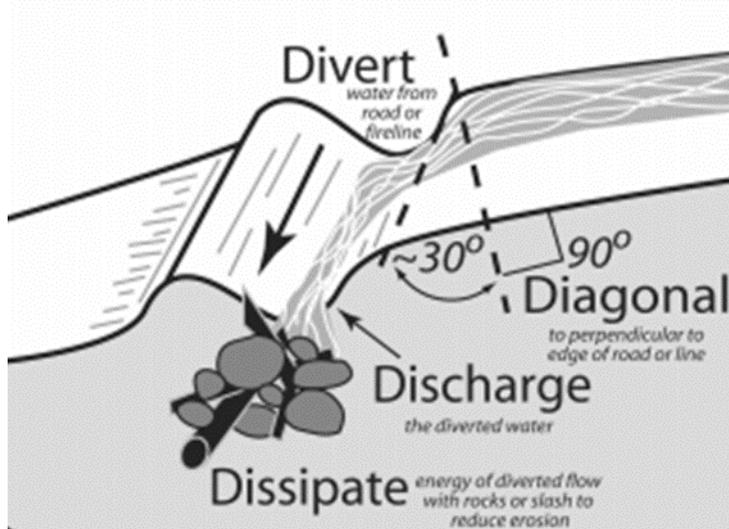
If handline construction disturbed stream banks or wetlands, reconstruct the physical environment to as much of a pre-fire condition as possible in order to prevent subsequent erosion and allow vegetative recovery.

Remove all flagging, hose, trash and any other materials brought in as part of fire management activities. Windrowed vegetation should also be scattered, when present.

**Table 1.** Fireline Waterbar Spacing Guidelines based on gradient and geologic type (Purvine 2010). *Note:*

<b>Gradient (%)</b>	<b>Waterbar Spacing (feet)</b>
1-6	300
7-9	200
10-14	150
15-20	90
21-40	50
41-60	25

**Diagram 1.** Waterbar Construction:



### ***Portable Pump Sites***

All efforts should be made to avoid disturbance of natural stream banks and channels. If stream banks are disturbed for drafting or portable pump placement, the area should be returned to as natural condition as possible.

All small woody debris, less than 3 inches in diameter, placed in stream channels from suppression activity will be removed and placed in a secure location above the high water mark. Large woody debris greater than 3 inches in diameter will be cleared only to the extent needed to allow free passage of high stream flows.

Remove all soil, rock, and plastic dams that were used for water diversions or impoundments. Plastic and other foreign materials will be removed from the site. Natural materials will be placed in a secure location, above the high water mark.

If the ground is contaminated by petroleum products remove the contaminated soil and dispose of it by removing it, placing it in a garbage bag and disposing of it at ICP.

### ***Mechanical line (dozer line, feller buncher)***

***\*\*Note: Excavators with an opposable thumb is the preferred equipment for rehabilitation of dozer line***

**Mechanical line repair should occur on all mechanical line in all divisions. The purpose of mechanical line repair is to prevent channelization of water and subsequent erosion, and to promote re-vegetation by spreading organic material over the fireline.**

All dozer line cuts and fills will be pulled back to the original contour using an excavator. All berms, dozer piles, and windrows will be broken up and pulled back onto the line. Slash generated during line construction will be scattered onto dozer and/or feller buncher line. Scatter slash along line to create even coverage. Mechanical lines that can be accessed from system roads or trails by motorized vehicles (except snowmobiles) will be blocked with obstructions of adequate size and shape to render them impassible. Mechanical line should be tracked by the IMT.

Completely obliterate (pull back to original slope) at a minimum, the first 200 feet of the fireline that ties into an existing travel routes (trail, road, etc.) or until the line is no longer visible from the travel route. One, or a combination of, treatments, such as placement of large diameter slash and/or rocks, soil berms, re-contouring, etc., may achieve this. When rocks or slash are used, some of the material should be of a large enough size that it cannot be moved by hand. The intent is to deter "re-opening" of the dozer line by the public. To assure there will be no vehicle use, the line should be blocked for a distance beyond the access point. The actual distance is site specific, but will typically range from 100-500 feet. Cut standing trees or utilize existing downed material or berm to effectively stop access to fire line that has the potential to be used for new non-motorized and/or motorized use. The intent of this action is to prevent firelines from becoming user-created trails and roads.

To facilitate reestablishment of native vegetation, redistribute topsoil and slash over dozer lines and constructed safety zones. The effectiveness of slash as an erosion control is greatest when in contact with the soil. Lopping and/or trampling the slash can best achieve this.

Provide additional drainage with waterbars where slash cover is not adequate to control surface runoff. See Table 1 and Diagram 1 above. On feller-buncher line with slope over 30%, waterbars need to be placed every 50 feet.

If stream banks were disturbed, a READ should be notified of the location and extent of disturbance. Any disturbed stream banks should be reconstructed to natural bank-full height and armored with rock and/or log structures, transplanted vegetation "plugs", etc. If the banks of any perennial or intermittent streams were disturbed, the READ will develop a site-specific stabilization plan and will oversee implementation.

## **Kim Martin's Team Expectations**

*Safety is the Team's Number One Priority*  
*Everyone is a safety officer—See It, Say It, and Fix It!*

The Team is committed to identifying clear Task, Purpose, and End State that achieves the Agency Administrator's direction and objectives in a timely and cost effective manner.

The Team provides every person associated with the incident a safe, productive, and supportive work environment.

The Team operates in a transparent manner, facilitating open communication and dialogue up, down, and across the chain of command, with active listening and opportunity for discussion and collaboration.

Here are a few ways you can help the Team create an atmosphere of **Duty, Respect, and Integrity** as outlined in the Incident Response Pocket Guide (IRPG):

### **If you Need to Leave the Incident Environment when Off Duty:**

Notify your supervisor of destination and estimated time of return in the event you are needed for duty prior to expected time.

### **Alcohol /Illegal Drugs / Fitness for Duty**

Alcohol and illegal drugs are not permitted within the incident environment. Be ready, willing, and able to perform your duties. If you are unable to perform your duties, you may be released from the incident with the home unit or employer being notified of the circumstances.

### **Work Environment/Human Relations:**

Conduct yourselves as professionals and maintain a positive, non-hostile work environment with mutual respect. Sexual harassment, discrimination, acts of reprisal or any inappropriate behavior that violates human rights, the provisions of equal employment opportunity (EEO), or ethics and conduct standards will not be tolerated. If you need clarification of these expectations, contact the Human Resource Specialist.

Your actions in the community outside of the incident environment must also conform to these standards while assigned to this incident. Your integrity is shown by obeying the law and following local rules and ordinances. Non-compliance with these expectations could result in your being released from the incident with the home unit or employer being notified of the circumstances.

### **Work / Rest Guidelines:**

Any shift times over 16 hours require written justification and approval by the appropriate Section Chief on the Crew Time Report, and will be reviewed by the Incident Commander.

### **Performance Evaluations:**

Performance Evaluations will be completed for all trainees and contractors (including ADs). Any unsatisfactory performance will be documented on an evaluation. It is your responsibility to ensure that your supervisor has completed an evaluation.

### **Use of Social Media on Wildland Fire Assignments**

Firefighters and Incident Management Team (IMT) members should be aware that existing agency-specific ethics and conduct regulations and restrictions governing the use of social media by federal employees on fire assignments apply.

Only authorized employees designated by the hosting unit may represent the government on public social media websites. If you choose to post to a social media website you should have a disclaimer that clearly states the views or opinions that you express are yours alone and do not represent the views of your agency or the IMT.

However, anything that you do post regarding wildland firefighting and the agency you work for reflects on that agency, the IMT you are assigned to and all wildland firefighters.

Social media sites are regularly monitored by federal agencies and employees may be held accountable for inappropriate conduct or ethics. When in doubt, don't post!

I hope you have a safe, productive and rewarding experience here. If you have any needs or concerns that cannot be addressed by my Command and General Staff, please feel free to visit with me.

Kim Martin, Incident Commander



## CONSTRUCTION ZONE GUIDELINES

~ LAVA MOUNTAIN FIRE 2016 ~

### **Monday through Friday, August 1 – 5, beginning daily at 8:00 AM**

The Wyoming Dept of Transportation (WYDOT) is conducting a chip & seal construction project on Hwy 26 from the forest boundary south to Dubois. This project will cover approximately 4 miles each day, from 0800 hours until 1700 or 1800 hours. During these activities, Hwy 26 will experience 20-minute closures, one direction at a time, throughout the day. Traffic in the open lane will follow a pilot vehicle.

All vehicles assigned to the fire must following the instructions below:

When entering construction zone, all vehicles must follow traffic patterns as directed by WYDOT and local law enforcement. This includes the potential for 20-minute delays.

*In the rare case of an emergency response, such as a medical emergency or an assigned initial attack event, the responding vehicle(s) may go around traffic stopped for a lane closure but **must stop at the Flagger**. The Flagger will have radio contact with the pilot vehicle and will provide instructions for the emergency vehicle to proceed safely.*

***THANK YOU FOR WATCHING OUT FOR YOUR SAFETY & THE SAFETY OF THOSE AROUND YOU!***

## Training Message

Don Washco, Training Specialist, 623-695-6487



**A special thanks to all the Trainers and everyone else who continue to help make this a valuable learning experience for our trainees. At last count we have identified 98 trainee assignments on this incident.**

Trainees and Trainers -- when either of you are demobing, please remember to:

- Trainers need to fill out the relevant parts of the task book and discuss the assignment with the trainees.
- Trainers will also need to do an Incident Personnel Performance Rating (I have some) and discuss this with the trainee.
- Trainees bring both items & check out with Training Specialist as part of demob process (located next to Check-In)

## **Words to Live By**

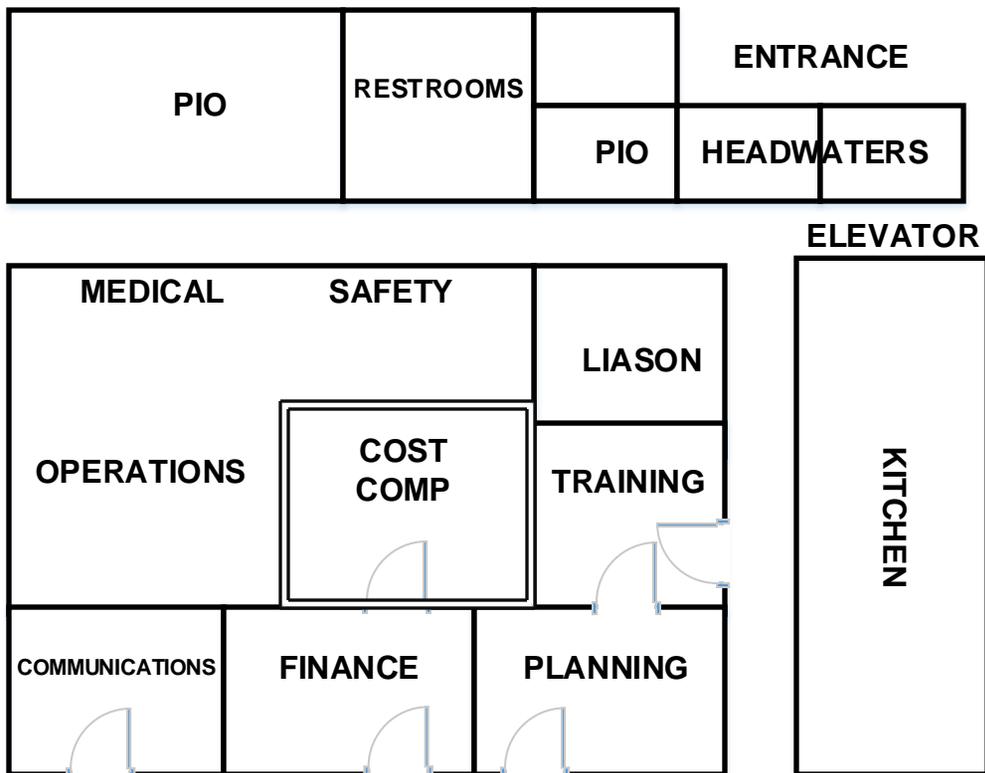
- **Some things are best left unsaid**
- **Be quick to apologize**
- **Forgive easily**

Thank you for your professionalism on this incident.

PLEASE do not hesitate to  
speak with your Human Resource Specialist about  
any unresolved conflict, harassment, or discrimination.

**Karen Mora  
Human Resource Specialist  
970-420-5108**

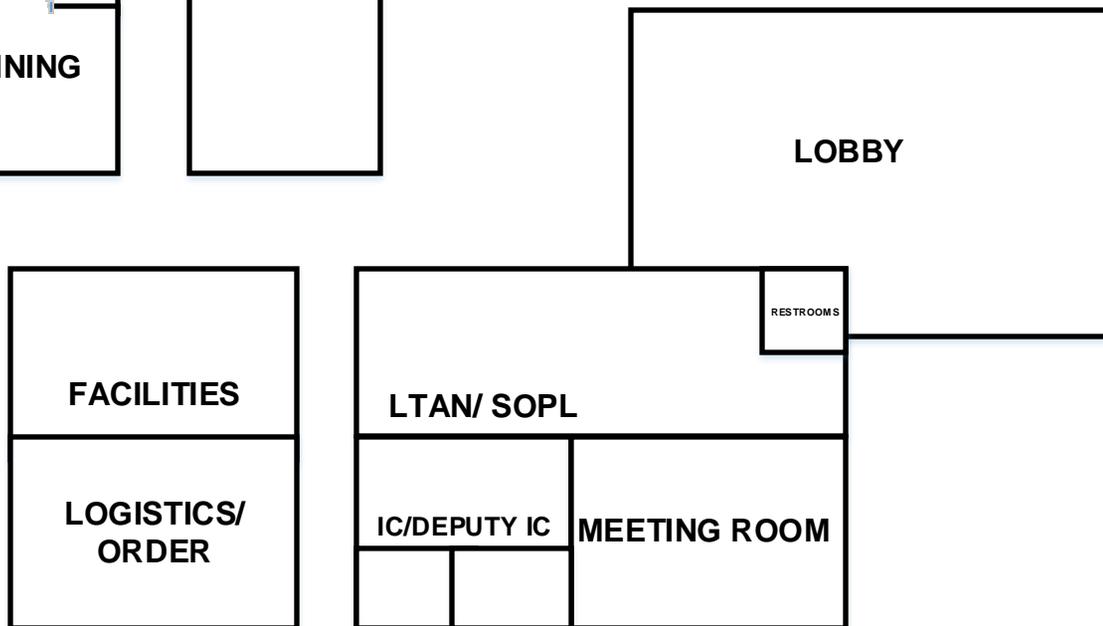
# First Floor



# Lava Mountain ICP



# Second Floor



# Expanded Camp Map

Lava Mountain

WY-SHF-267

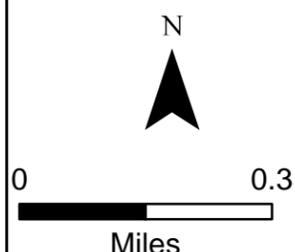
07/30/2016  
1700



## Legend

### FeatureCategory

- Camp
- Incident Command Post
- Staging Area



# Sawmill Base Camp Facilities



Created 7/27/2016



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**LAVA MOUNTAIN  
WY-SHF-000267  
LINE SUPPLY ORDER FORM  
(OSC/Division Supervisors Only)**

Date & Time Order Was Placed	Order Reference # (DIV + #)	Mode of Delivery (Ground/Helo/Pick Up @)	Location for Delivery (Division/LZ/DP/Lat. Long)
<b>DATE:</b>		<b>GROUND SUPPORT</b>	
		<b>HELICOPTER</b>	
<b>TIME:</b>		<b>TO BE PICKED UP BY @</b>	

<b>DATE NEEDED:</b>	<b>TIME NEEDED:</b>
Order received in <b>COMMUNICATIONS</b> by: Name:	Time:
Order received in <b>SUPPLY</b> by: Name:	Time:
Order received in <b>GROUND SUPPORT</b> by: Name:	Time:
Order received in <b>HELIBASE</b> by: Name:	Time:
Order delivered/shipped to final location by: Name:	Time:

#	ITEM	QUANTITY	SHIPPED	PENDING	#	ITEM	QUANTITY	SHIPPED	PENDING
1.	Breakfast – Meals				31.	Lightweight Pump Kit			
2.	Lunch – Meals				32.	Hose – 1 ½” ft.			
3.	Dinner – Meals				33.	Hose – 1” ft.			
4.	MRE’s (# of Cases) 12/cs				34.	Hose – ¾” ft.			
5.	Cubies of Water – ea.				35.	Reducer – 1 ½” x 1”			
6.	Bottled Water - Case				36.	Reducer – 1” x ¾”			
7.	Gatorade – Case				37.	Gated “Y” – 1 ½” ea.			
8.	Batteries – AA/box 24 ea.				38.	Gated “Y” – 1” ea.			
9.	Batteries – AAA/C/D ea.				39.	Shut off valve ¾” ea.			
10.	Fuel – Unleaded – Gallons				40.	In – Line Tee 1 ½” x 1” ea.			
11.	Fuel – Diesel – Gallons				41.	Nozzle – 1 ½” ea.			
12.	Fuel – Drip Torch (60/40 mix) gals.				42.	Nozzle – 1” ea.			
13.	Bar Oil – QT’s/Gallons				43.	Nozzle ¾”			
14.	2 cycle oil – (1 per gallon)				44.	First Aid Kit – 20 man ea.			
15.	Sleeping Bags – 25 degree				45.	Chainsaw Kit – ea.			
16.	Sleeping Bags – 40 degree				46.	DIV Pump Kit (next page) ea.			
17.	Plastic – roll/sq. ft.				47.	DIV Hose lay Kit (next page) ea.			
18.	Parachute Cord – roll/ft.				48.	Line Spike Hygiene Kit (next page) ea.			
19.	Shovels – ea.								
20.	Pulaski – ea.					<b>MISC. Please list below</b>			
21.	Combi – ea.								
22.	McLeod – ea.								
23.	Fussee – case								
24.	Drip Torch – Full/Empty								
25.	Backpack Pump – Full/Empty								
26.	Slingable Blivet – Suppression								
27.	Slingable Blivet – Drinking					<b>Accountable Property #'s</b>			
28.	Folding Tank 1000/1500 gals								
29.	Pumpkin 1500/3000/6000 gals								
30.	Mark III Pump Kit								

**GPS Datum: NAD83**

**GPS Format Example: 109° 24' 55"**

**Team Ordering/ Timeline Process:**

- 0600 – Morning Briefing, start of crew time.
- 1500 – DIVS to have next days resource order ready for OPS.
- 1600 – Last call to change spike camp resource (food, fuel, etc) location.
- All crew level orders will be placed through DIVS.
- DIVS will place all orders through Communications Unit.
- All orders will be tracked using the process found on the front of form.

Division Pump Kit			Division Hose Lay Kit		
Item	NFES#	Quantity	Item	NFES#	Quantity
Hose 1½"	1239	1000'	Hose 1½"	1239	3500'
Hose 1"	1238	1000'	Hose 1"	1238	1700'
Hose, ¾"	1016	500'	Hose, ¾"	1016	3000'
Tee, 1 ½" – 1"	0731	4	Tee, 1 ½" – 1"	0731	15
Nozzle, 1"	0138	4	Nozzle, 1"	0138	15
Nozzle, ¾"	0136	4	Nozzle, ¾"	0136	30
1 ½" Gated "Y"	0231	4	Valve, 1 ½" Gated "Y"	0231	5
1" Gated "Y"	2059	4	Valve, 1" Gated "Y"	2059	2
¾" Gated "Y"	0272	4	Valve ¾" Gated "Y"	0272	30
Reducers, 1 ½" – 1"	0010	4	Shut off valve ¾"	0738	20
Reducers, 1" – ¾"	0733	4	Reducers, 1 ½" – 1"	0010	10
Double Female 1"	0710	1	Reducers, 1" – ¾"	0733	10
Double Female 1 ½"	0857	1	Double Female 1"	0710	1
Fuel 5 Gal. To Match Pump	0606	2	Double Female 1 ½"	0857	1
2 Cycle Oil	0341	2	Bag, Slingable Water	0437	6
<b>Pick One of the Pumps Below</b>					
Pump, Lightweight	0670	1			
Pump Mark III	0870	1			
<b>Line Spike Hygiene Kit</b>			<b>Line Spike Hygiene Kit (continued)</b>		
Trauma shears		1 ea	Latex or Nitrile gloves		1 box
Moleskin		3 ft	Benadryl		1 box
Gold Bond Blue Powder		5 ea	Spenco 2 <sup>nd</sup> skin		3 boxes
Gold Bond Green Powder		2 ea	Ibuprofen (Advil)		25 ea
Gold Bond Yellow Powder		5 ea	Aminofen (Tylenol)		25 ea
Tolfanate Foot Powder		3 ea	Antiseptic Wipes		20 ea
Vet Wrap (Koflex)		6 ea	Sting Relief		20 ea
Throat Lozenges		40 ea	Baby Wipes		1 box
Hand Sanitizer		20 ea	Bactracin		10 ea
Bug Repellent		3 ea	Chap Stick		10 ea
Sun Screen		5 ea	Ziplock Bags		10 ea
Eye Wash		5 ea			



# 08/06/2016

## TENTATIVE RELEASE

LAVA MOUNTAIN US-WY-SHF-000267

### CREWS

### EQUIPMENT

E-16	0700	(HNDW)	WELBORN AQUA HAUL & FIRE
E-110	0700	(WTS2)	HART VENTURES
E-141	0700	(ENG6)	CROOK FPD
E-143	0730	(WTT1)	PAULTON
E-138	0730	(ENG6)	BLACK HAWK
E-87	0730	(ENG6)	PIEDMONT
E-215	0800	(HNDW)	HANDWASHING STATION
E-139	0800	(ENG6)	CANON CITY FPD
E-134	0800	(ENG6)	GREELEY FIRE DEPT
E-109	0800	(EXCA)	MOORES QUALITY
E-144	0830	(WTT1)	PAULTON
E-214	0830	(FORK)	WYOMING RENTS
E-201	0915	(ENG6)	POUDRE
E-236	1000	(GWT2)	WELBORN AQUA HAUL AND FIRE
E-200	1400	(ENG6)	MONTROSE
E-99	1430	(ENG6)	FOUNTAIN FIRE
E-138	1500	(ENG6)	BLACK HAWK
E-139	1600	(ENG6)	CANON CITY
E-200	1630	(ENG6)	MONTROSE FPD

If traveling by AIR please come in as soon as possible and do not wait until the posted time.

### OVERHEAD

O-219	0600	(EQPM)	CHATHAM, DUANE
O-217	0600	(EQPI)	MCCORMICK, KARL
O-285	0600	(EQPM)	WEATHERS, CHARLES
O-147	0630	(INBA)	KNOWLES, RONALD
O-166	0630	(RADO)	GRAYSHIELD, RAVEN
O-109	0700	(THSP)	NICK, ANDREA
O-184	0700	(EMTF)	DODSON, RICHARD
O-158	0730	(EMPF)	FINCHAM, MICHAEL
O-186	0830	(TFLD)	LEVY, ERIC
O-207	0900	(RADO)	OLSON, EDWARD
O-132	0900	(PIO2)	BERGLUND, THOMAS
O-303	0900	(EQPM)	BUCHARD, MICHAEL
O-105	0900	(SOFR)	RAMIREZ, DAVE

# 08/06/2016

## TENTATIVE RELEASE

LAVA MOUNTAIN US-WY-SHF-000267

### OVERHEAD

If traveling by AIR please come in as soon as possible and do not wait until the posted time.

O-103	0930	(DIVS)	VERLANIC, MARK
O-153	0930	(TFLD)	LOPEZ, ANDY
O-162	1000	(TFLD(T))	STOVER, CHRISTOPHER
O-200	1000	(SOFR)	ROTH, FRANK
O-130	1030	(PIO2)	MAZZEO, JOSEPH
O-92	1030	(RCDM)	WHITTAKER, DANTE
O-183	1030	(EMTF)	BLACKMON, ZACH
O-113	1100	(SOPL)	BRANSFORD, JOSHUA
O-240	1100	(EMTF)	CORDOVA, SILAS
O-129	1130	(PIO2)	KURILLA, ROBERT
O-241	1130	(EMTF)	MULLEN, KIEL
O-78	1130	(HRSP)	MORA, KAREN
O-120	1200	(PTRC)	DEUTSCH, DOREEN
O-238	1200	(EMTF)	RUSSO, JARED
O-263	1200	(EQPM)	CLEMENS, ROBERT
O-195	1200	(TFLD)	HYATT, TODD
O-169.70	1200	(OSC2)	SPRING, MATT
O-218	1200	(EQPM)	DINGES, CHAD
O-279	1200	(PTRC)	BUCKLIN, LUCY
O-120	1200	(PTRC)	DEUTSCH, DOREEN
O-278	1200	(EQTR)	WALL, SHARON
O-216	1230	(EQPI)	AMENT, BRAD
O-4	1230	(HEQB)	WILSON, BRIAN
O-282	1230	(EQPT)	AMENT, BRAD
O-234	1330	(EMPF)	MIDDLEDITCH, ADAM
O-239	1400	(EMTF)	TRUJILLO, TOBY
O-221	1400	(FOBS)	COATES, BILL
O-222	1430	(FOBS)	CLARK, ROBERT
O-224	1430	(FOBS)	RICKE, RYAN
O-160	1500	(EMPF)	CHAVEZ, DANIEL
O-228	1500	(FBAN)	ATKINS, JAMES
O-223	1530	(FOBS)	BOZEMAN, ROB
O-203	1700	(SOF2)	KLOCK, LARRY

