

Bacon Rind Fire Incident Action Plan

Thursday August 23, 2018
Custer Gallatin National Forest

SAFETY MESSAGE **SNAG & GREEN TREE HAZARDS**

Falling SNAGS and GREEN trees kill and injure a lot of wildland firefighters each year. Snags and green tree hazards may be getting more serious as western forests become stressed from crowding and insect/disease outbreaks that weaken and kill trees. While personnel should be aware of the extreme hazards posed by hazard trees in the fire perimeter, the hazard is also extremely high in the adjoining forest. Dead lodgepole may fall anywhere, even without wind. Lookouts should be alert to any changes in winds and the development or appearance of thunder cells, as any downdraft is likely to bring down trees. **Alert personnel of these observations immediately!**

The following is a snag/green tree hazard alert checklist.

- ☒ Snags/green trees are falling or have fallen in work area.
- ☒ Hazard tree indicators are present in work area.
- ☒ High-risk tree species are in work areas (spruce, **dead lodgepole**, subalpine fir).
- ☒ Crews are working in a hazard tree area at night.
- ☒ Crews are working in a hazard tree area and the wind is blowing.
- ☒ Crews are working in an area where trees have been burning for some time.
- ☒ The operational period briefing did not include a discussion of hazards.
- ☒ Crewmembers are taking a break in a hazard tree area (staging, drop points, etc).
- ☒ Lookouts have not been posted in, or overlooking, a hazard tree area.
- ☒ Lookouts are not advising the crew of the presence of hazard trees.
- ☒ Winds are increasing or are predicted to increase.
- ☒ Tree height within fire perimeter equals or exceeds distance to control line.
- ☒ Escape routes pass through hazard tree area.

Safety Officers: Dennis Talbert, Russell Owen(t)

ICS Form 202

INCIDENT OBJECTIVES	1. INCIDENT NAME Bacon Rind	2. DATE 8/23/2018	3. TIME 0700
4. OPERATIONAL PERIOD (DATE/TIME)			
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)			
<p>Leader's Intent: The highest priority will be focused on minimizing risk to firefighters and the public, by continually using the risk management process.</p> <p>It is the expectation that every person assigned in any type of leadership role does a risk assessment and provides the appropriate mitigation measures prior to engaging in any activity. If a hazard cannot be mitigated to an acceptable level, the issue will be elevated to the next level.</p> <p>Management Requirements:</p> <ul style="list-style-type: none"> - Ensure firefighter and public safety is the first priority in every operation. - Maintain and develop relationships with adjacent communities, agencies, cooperators, concessionaires and other stakeholders while providing timely and consistent information coordinated with the USFS. A common message will be communicated thru all channels. <p>Incident Objectives</p> <ol style="list-style-type: none"> 1. Minimize impacts to identified values at risk, including Black Butte Ranch, Elkhorn Ranch, Highway 191, powerline corridors, and trail infrastructure. 2. Balance resource value with suppression impacts; where and when appropriate, allow fire to play its natural role in the wilderness ecosystem as a process of ecological change. 3. Minimize impacts to natural and cultural resources, watersheds, and threatened and endangered species. Minimize suppression impacts in the Lee Metcalf Wilderness by allowing no mechanized equipment unless approved by the line officer. 4. Minimize potential bear/human interactions. All personnel assigned to the incident must comply with the Food Storage Special Order 36 CFR 261.58, in effect for the Greater Yellowstone Ecosystem (GYE). 			
6. WEATHER FORECAST FOR OPERATIONAL PERIOD		*See attached	
7. GENERAL SAFETY MESSAGE		*See attached	
<p>Primary risk factors are remote and isolated work areas requiring a functioning communication system and aviation hazards.</p> <p>One of the greatest incident risk is driving Hwy 191. Beware of your safety and public watching the fire.</p>			
8. Attachments (X if attached)			
X Organization List (ICS 203)	X Medical Plan (ICS 206)	X <u>Fire Weather Forecast</u>	
X Assignment List (ICS 204)	X Incident Map	_____	
X Communications Plan (ICS 205)	X Air Ops (ICS 220)	_____	
9. PREPARED BY (PLANNING SECTION CHIEF)		10. APPROVED BY (INCIDENT COMMANDER)	
B. Smith <i>Becky Smith</i>		B. Bergman <i>Bob Bergman</i>	

Organization Assignment List, ICS Form 203

ORGANIZATION ASSIGNMENT LIST			1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
			Bacon Rind	8/22/2018	1900
POSITION	NAME	DAY 14	4. OPERATIONAL PERIOD (DATE/TIME)		
			8/23/2018; 0700-2000		
5. INCIDENT COMMAND AND STAFF			9. OPERATIONS SECTION		
INCIDENT COMMANDER	Anthony Martinez 9/2		CHIEF	Steve Smith 8/25	
DEPUTY ICT3t	Brad Bergman 8/30		DEPUTY	Anthony Emacio(t) 8/30	
SAFETY OFFICER	Dennis Talbert 8/31 Russell Owen(t) 8/31		a. BRANCH I- DIVISION/GROUPS		
INFORMATION OFFICERS	Jeff Gildehaus 8/26 J. Michael Johnson 9/1		BRANCH DIRECTOR		
LIAISON OFFICER	Brian Thompson		DEPUTY		
6. AGENCY REPRESENTATIVES			DIVISION/GROUP		
AGENCY	NAME		DIVISION/ GROUP		
USFS	Jason Brey		DIVISION/ GROUP		
Gallatin Co.	Patrick Lonergan		DIVISION/GROUP		
Yellowstone NP	John Cataldo		DIVISION /GROUP		
			b. BRANCH II- DIVISIONS/GROUPS		
			BRANCH DIRECTOR		
			DEPUTY		
			DIVISION/GROUP		
			DIVISION/GROUP		
			DIVISION/GROUP		
			DIVISION /GROUP		
7. PLANNING SECTION			c. BRANCH III- DIVISIONS/GROUPS		
CHIEF	Becky Smith		BRANCH DIRECTOR		
RESOURCES UNIT			DEPUTY		
SITUATION UNIT			DIVISION/GROUP		
DOCUMENTATION UNIT			DIVISION/GROUP		
DEMOBILIZATION UNIT			DIVISION/GROUP		
GISS	Joel Harrison 8/30		d. AIR OPERATIONS BRANCH		
LTANT			AIR OPERATIONS BR. DIR.		
REAF (USFS)	Randy Scarlett		AIR TACTICAL GROUP SUP.		
READ(t) (NPS)	Brian Teets		AIR SUPPORT GROUP SUP.		
8. LOGISTICS SECTION			HELICOPTER COORDINATOR		
CHIEF	Lloyd Kortge/Norm Buhl		AIR TANKER/FIXED WING CRD.		
DEPUTY			10. FINANCE/ADMINISTRATION SECTION		
a. SUPPORT BRANCH			CHIEF	Fauzia Massey	
DIRECTOR			IBA	Roger Gowan	
SUPPLY UNIT			TIME UNIT	Donna Thomas	
FACILITIES UNIT	Rudy Schlegel		PROCUREMENT UNIT	Lessie Sites	
GROUND SUPPORT UNIT			COMPENSATION/CLAIMS UNIT		
b. SERVICE BRANCH			COST UNIT		
DIRECTOR					
COMMUNICATIONS UNIT					
EMTF	Jon Ueland				
FOOD UNIT					
PREPARED BY (PSC3) B. Smith					

Fire Weather Forecast



RAWS Station at fire

Spot Forecast for Bacon Rind...USFS
National Weather Service Billings MT
315 PM MDT Wed Aug 22 2018

Forecast is based on forecast start time of 0700 MDT on August 23. If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...

A weather system over Idaho will track east across the region tonight. This will bring a good chance of wetting showers and possibly some thunderstorms over the fire site tonight into early Thursday. Expect best chance of showers between 5 PM Wednesday and 1 AM Thursday, slowly decreasing thereafter. Some of the showers overnight may produce erratic winds with gusts to 40 mph possible. Expect warmer afternoons and drier conditions through Friday. Westerly winds will pick up behind this weather system Thursday, especially over the ridges. BT

.THURSDAY...

Sky/weather.....Sunny. An isolated rain shower possible early in the morning.
LAL.....1...no thunderstorms.
Max temperature.....68-76 at bottom elev to 60-66 at upper elev.
Min humidity.....18-25 percent at bottom elev and 24-32 at upper elev.
Wind (20 ft).....
Slope/valley.....West winds 5 to 10 mph.
Ridgetop.....West 15 to 25 mph.
Mixing height.....200 ft AGL in the morning...increasing to 8100 ft AGL in the afternoon.
Transport winds.....West 10 to 20 mph.
Haines index.....3.
CWR.....0 percent.

.THURSDAY NIGHT...

Sky/weather.....Clear.
LAL.....1...no thunderstorms.
Min temperature.....39-46.
Max humidity.....52-64 percent at lower elev to 72-86 at upper elev.
Wind (20 ft).....
Slope/valley.....Southwest winds 5 to 10 mph.
Ridgetop.....West 15 to 25 mph.
Mixing height.....8100 ft AGL in the evening...decreasing to 100 ft AGL overnight.
Transport winds.....Southwest 10 to 20 mph.
CWR.....0 percent.

.FRIDAY...

Sky/weather.....Sunny.
LAL.....1...no thunderstorms.
Max temperature.....71-77 at bottom elev to 63-69 at upper elev.
Min humidity.....17-23 percent at bottom elev to 22-31 percent at upper elev.
Wind (20 ft).....
Slope/valley.....Southwest winds 5 to 15 mph.
Ridgetop.....Southwest 15 to 30 mph.
Mixing height.....100 ft AGL in the morning...increasing to 11600 ft AGL in the afternoon.
Transport winds.....Southwest 15 to 25 mph.
Haines index.....5.
CWR.....0 percent.

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Forecaster...Tesar

ASSIGNMENT LIST

3. INCIDENT NAME
Bacon Rind

4. OPERATIONAL PERIOD
DATE 8/23/2018 TIME 0700-2000

5. OPERATIONAL PERSONNEL

OPERATIONS CHIEF S. Smith/A. Emacio(t) DIVISION/GROUP SUPERVISOR _____
BRANCH DIRECTOR _____ AIR TACTICAL GROUP SUPERVISOR _____

6. RESOURCES ASSIGNED TO THIS PERIOD

STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	EMT	LEADER	NUMBER PERSONS	TRANS. NEED	Last Day	PICKUP PT./TIME	DROP OFF PT./TIME
DIV		Schreiner	1	N	8/27	1200	2000
TFLD		Hoppe	1	N	8/23	0700	2000
Custer Gallatin (C-9)	1	Ray/Fleming(t)	20	N	9/1	0700	2000
Hooper Bay 1 (C-8)		Simon	19	N	8/29	0700	2000
E641 CG Ashland (E-24)		Bloxham	2	N	8/29	0700	2000
E22 CG Beartooth (E-29)	1	Stabio	3	N	8/30	0700	2000
E621 Wisconsin		Moffet	4	N	8/27	0700	2000
E622 Coronado		Grambs	6	N	8/28	1200	2000
Line EMT	1	Ueland	1	N	9/2	0700	2000
NPS LE (5A47, 5A48)		Perchalski/Goss	2	N	9/3	0700	2200

7. CONTROL OPERATIONS

Task: Monitor fire progression and smoke impacts from Hwy 191. Implement holding actions as needed along Hwy 191. Continue implementing fuels projects and providing lookouts.

Purpose: Provide for public and firefighter safety.

End State: Ensure efficient traffic flow on Hwy 191.

8. SPECIAL INSTRUCTIONS

- Coordinate actions with other operational resources and law enforcement as needed.
- Monitor Management Action Points as necessary based on observed and modeled fire behavior to emphasize strategic planning and sound risk decision making.
- If fire spots east of Hwy 191 suppress with resources on incident.
- Do not draft out of the Madison River for the Bacon Rind fire; the Madison River water needs to stay in the Madison drainage and the Gallatin River water needs to stay in the Gallatin drainage due to aquatic invasive species!

Link to NIFC FTP maps of Bacon Rind Fire



9. DIVISION/GROUP COMMUNICATIONS SUMMARY

FUNCTION		FREQ.	SYSTEM	CHAN.	FUNCTION		FREQ.	SYSTEM	CHAN.
COMMAND	LOCAL	See Comm. Plan			SUPPORT	LOCAL	See Comm. Plan		
	REPEAT					REPEAT			

PREPARED BY (PSC3)
B. Smith

MEDICAL PLAN	1. Incident Name Bacon Rind	2. Date Prepared 08/05/18	3. Time Prepared 1130	4. Operational Period 8/23/2018				
5. Incident Medical Aid Station								
Name		Address		Phone	Paramedics Yes No			
West Yellowstone Clinic		11 Electric St, West Yellowstone, MT		406-646-9441	X			
6. Transportation								
A. Ambulance Services								
Name		Address		Phone	Paramedics Yes No			
West Yellowstone EMS		West Yellowstone		406-646-7600	X			
Air Evac				Call 911 or Dispatch				
B. Incident Ambulances								
Name		Location			Paramedics Yes No			
7. Hospitals								
Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Ground		Yes	No	Yes	No
Big Sky Hospital	334 Town Center Ave. Big Sky MT	20 m	45 m	406-995-6995	X			X
Bozeman Deaconess	915 Highland Blvd. Bozeman MT Level 3 Trauma Center	40 m	90 m	406-585-1000	X			X
Eastern ID Regional Medical Center	3100 Channing Way Idaho Falls, ID Level 2 Trauma Center	60 m	2 hr	208-529-6111	X			X
Salt Lake City Burn Center	Salt Lake City, Utah Level 1 Trauma Center		5 hr	Burn Center 801-581-3050 Emergency 801-581-2292	X		X	
8. Medical Emergency Procedures								
<ul style="list-style-type: none"> FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY. FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH. 								
Prepared by (PSC3) B. Smith				10. Reviewed by (Safety Officer) Talbert/Owen(t)				

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

Medical Incident Report

- FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.
- FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use the following items to communicate situation to dispatch:

1. **CONTACT COMMUNICATIONS / DISPATCH** (Verify correct frequency prior to starting report)
Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."
2. **INCIDENT STATUS:** Provide incident summary (including number of patients) and command structure.
Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency / Transport Priority	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> YELLOW / PRIORITY 2 Serious injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2° - 3° burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> GREEN / PRIORITY 3 Minor injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>	
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
Patient Care		Name of Care Provider (Ex: EMT Smith)

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: See IRPG page 106

Treatment:

4. TRANSPORT PLAN:

Evacuation Location (if different): (Descriptive Location - drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:

Helispot/Extraction Site Size and Hazards:

5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication

6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND	Command 1				
AIR-TO-GRND	Medical A/G Forest (Tan)				
AIR-TO-GRND	Medical A/G Park (Holmes)				
TACTICAL					

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

8. ADDITIONAL INFORMATION: Updates/Changes, etc.

REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.

DEMOB LIST

Resource Name	Day 14	Demob Day
Jake Hoppe O-66	8/23	8/24
Steve Smith O-72	8/25	8/26
Jeff Gildehaus O-61	8/26	8/27
Nathaniel Wilson E-29.3		8/27

Bacon Rind
 Approx. 2,045 ac
 MT-CGF-000095

IAP
 August 23, 2018

	Fire Origin
	Hotspot
	Drop Point
	IR Isolated Heat Source
	Lookout
	Mobile Weather Unit
	Pump
	Water Source
	Uncontrolled Fire Edge
	Fire Perimeter
	Heat Perimeter
	IR Intense Heat
	IR Scattered Heat



