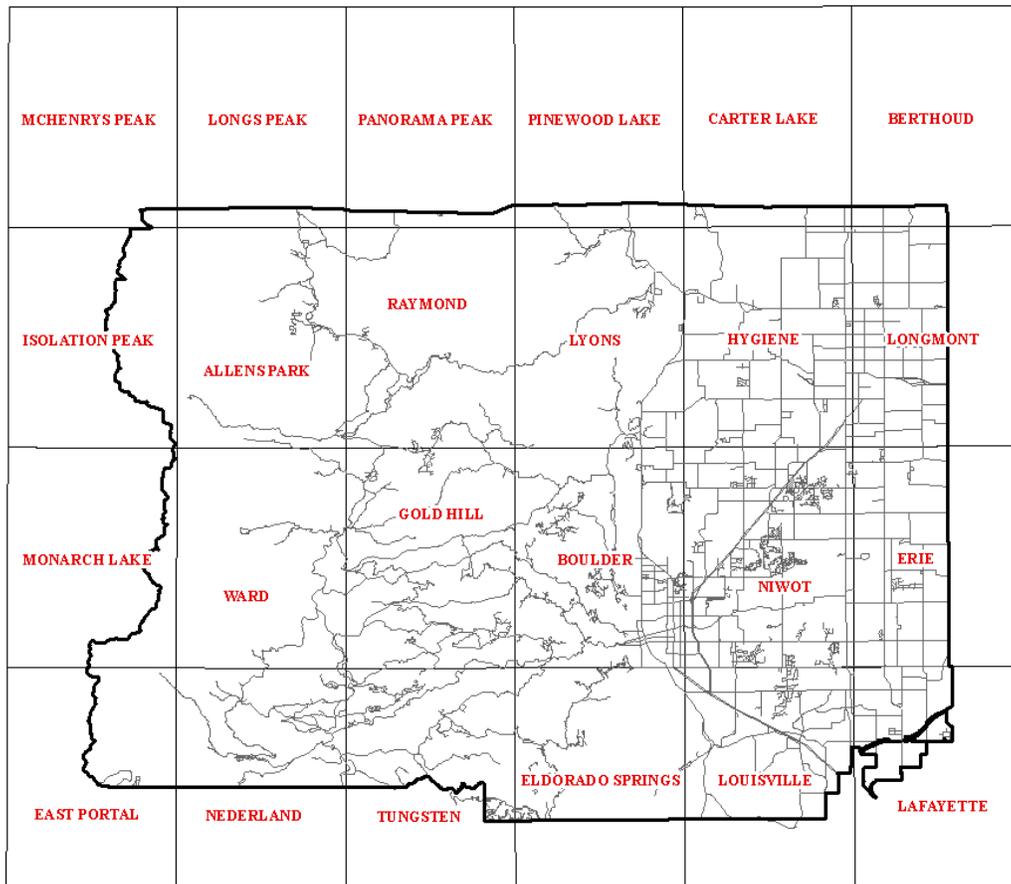


Boulder County

Wildfire Annex



2018

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Intent

This document is designed as a tool for agency and incident managers to coordinate resources, develop sustainable incident management plans, and facilitate jurisdictional transitions of responsibilities during an escalating wildfire incident. The document is designed to be applied sequentially as relevant to an escalating wildfire incident. Not all forms and processes need to be considered and some are agency specific. Some wildland fire suppression jurisdictions in Boulder County have plans relating to specific hazards. Each jurisdiction is responsible for implementing their plans, including procedures for protecting their own human and material resources.

Scope

The impacted jurisdiction will be responsible for the coordination of local response and wildland fire suppression efforts and will have at their disposal; personnel, equipment, and other resources available through mutual aid. The Boulder County Sheriff's Office has primary responsibility for evacuations, closures, and security during an emergency and/or disaster. When time allows, wildland fire suppression agencies may be required to assist in warning citizens that a threat exists and that they should take action to preserve life and property.

The pre-staging of wildland fire suppression personnel and resources for initial attack will be responsibility of the individual wildland fire jurisdictions. In catastrophic wildland fire events, wildland fire suppression agencies can be overwhelmed and their ability to respond to emergency calls for service may become severely hampered. Wildland fire suppression jurisdictions may coordinate with ESF 13 (Public Safety), ESF 8 (Public Health), and ESF 9 (Search and Rescue) in allocating resources to meet the demands of the emergency.

Requests for additional wildland fire suppression resources, including aircraft, out-of-county mutual aid, the Colorado Department of Fire Prevention and Control, along with federal wildland fire fighting resources will be coordinated through the Boulder County Fire Duty Officer (FDO). The FDO will facilitate cost share agreements, agency Capability Capacity Analysis, Incident Complexity Analysis, Assumptions of Control, and Delegations with all the appropriate jurisdictional representatives.

Purpose

The Boulder Office of Emergency Management has established in the Boulder County Emergency Operations Plan, Annex M, incident characteristics which determine the incidents complexity typing. Each type has a suggested command authority and organizational support, but actual authority could be determined by the nature of the event. The types are developed from those found in the Interagency Standards for Fire and Fire Aviation Operations, Chapter 11 (NFES 2724).

Type 5

A Type 5 incident dictates that Jurisdiction(s) having authority responds and handles event without outside resources. A Type 5 Incident Commander or appropriate jurisdictional authority usually manages this Ad hoc organization. Most of the time Command and General staff positions are not activated. ICS functional area duties should be assigned to the most qualified or competent individuals available. The incident is usually contained within the first burn period and often within a few hours after resources arrive on scene.

Type 4

A Type 4 incident dictates Jurisdiction(s) having authority request outside resources including mutual aid and may or may not maintain incident command authority. A Type 4 Incident Commander or appropriate jurisdictional authority usually manages this Ad hoc organization. Command and General staff positions may be activated. ICS functional area duties should be assigned to the most qualified or competent individuals available. Resources vary from a single resource to multiple resource taskforces and strike teams. The incident is usually limited to one operational period in the control phase. Mop up may extend into multiple operational periods. Written Incident Action Plan (IAP) is NOT required. Completion of an ICS form 201 is suggested. A documented operational briefing will be completed for all incoming resources.

Type 3

A Type 3 incident dictates that Jurisdiction(s) having authority request that the incident management authority be transferred to the Boulder County Sheriff's Office. Incident command is transferred and the Boulder incident management Team may be used. A qualified Type 3 Incident Commander is required to manage the incident. Appropriate command and general staff positions will be implemented. Specific qualifications for Safety, Public Information Officers along with Operations will be adhered to. Minimum qualifications for all other functional areas are established by agency policy. Fort Collins Interagency wildfire Dispatch Center will be notified of all Type 3 fires. A Capability and Complexity Analysis along with an Assumption of Control and Local Delegation must be completed.

Type 2 / 1

A Type 2 / 1 incident dictates the Boulder County Sheriff's Office request that the incident management authority be transferred to a state or federal agency. A pre-established Type 2 or 1 (IMT) Incident Management Team will be assigned to the incident. ICS command and general staff positions will be activated. Geographical and functional area divisions/ groups are established. Usually involves complex aviation resources. The incident will extend into multiple operational periods. A written (IAP) Incident Action Plan is required. The incident will exceed 200 operational and support personnel. This incident will require a Capability and Complexity Analysis along with a written Assumption of Control and Delegation be completed. Often times it will also require the completion of a WFSA (Wildfire Situation Analysis).

Area Command

Area command is an incident command system organization established to oversee the management of multiple incidents that are each being managed by an ICS organization or to oversee the management of large or multiple incidents to which several incident management teams have been assigned. The area commander may become unified area command when incidents are multi-jurisdictional. The determining factor for establishing area command is the span of control of the agency(s) administrators.

FRONT PAGE NOTES

AVAILABLE RESOURCES

Mutual Aid

Wildland Task Force

DFPC

B.E.S.

FDO: Boulder County Transportation

FDO: Aviation: Helicopters, Fixed-Wing, Air Attack, MMA, CO-ANG

WHEN COMPLETE eMAIL TO SheriffFireRecords@bouldercounty.org

1) ARRIVAL REPORT	Date:	Arrival Time:	IC:	
C OMMAND	(Name of Incident)			
L OCATION	(Street address/intersection, geographic feature, trailhead, etc.)			
I NCIDENT	Describe the Problem			
	Type of Problem	Fire Behavior	Spread Potential	Location description
	Nothing showing Light White smoke Heavy Dark smoke Wildland Fire	Smoldering Creeping Running Spotting Torching	Low Moderate High Extreme	Field/Grass Timber Ditch Single tree Flat Lower 1/3 slope Mid Slope Upper 1/3 slope Ridgeline
C OMMUNICATIONS	(Command Channel)	(Tac Channel)		
R ESOURCES	Emergent or Non-emergent	Level 1, On-Scene Level 2, Staging Location:		

L: _____ **C:** _____ **E:** _____ **S:** _____

2) BEST ACCESS:

3) STRUCTURES THREATENED
 NO
 YES Immediate threat?

4) LIFE SAFETY
 NO
 YES Consider Evac.

5) EVACUATIONS
 Request Deputy for closures/Evac.
 Establish LAW Group

6) REQUEST LEGAL LOCATION
Lat:
Long:
Jurisdiction:
 (Fire District)
Ownership:
 (Private/County/State/Fed)

7) FDO En Route
 NO
 YES

8) ADDITIONAL RESOURCES REQUESTED
 Brush Trucks Qty:
 Tenders Qty:
 Task Force

9) AIRCRAFT NEEDED
 NO
 YES: Request through FDO
 Type: Fixed wing/Helicopter/MMA
 Ground Contact Freq: (AG9) (AG58) (VFire21)
 Ground Contact Identifier:

NOTES/MAP

↑ N

Resource Tracking

<i>Ordered</i>		<i>Arrived</i>			<i>Assignment</i>
Agency	Call Sign	Type	Personnel	Staged	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Staging area Location:

Radio Channel/Frequency:

Staging Area Manager Call-sign:

OBSERVED WEATHER

Weather Obs 1	Temp	RH	Wind speed/direction	Aspect & Location	Elevation
Time:					
Weather Obs 2	Temp	RH	Wind speed/direction	Aspect & Location	Elevation
Time:					
Weather Obs 3	Temp	RH	Wind speed/direction	Aspect & Location	Elevation
Time:					

SPOT WEATHER

Temp	P.I.G. (Calculate):
RH	LAL
Wind	Haines

CAPABILITY AND CAPACITY ANALYSIS (** Consider Cost Share OR Assumption of Control**)

- | | | |
|--|-----------------------------|------------------------------|
| <input type="checkbox"/> Has this fire exceeded the <i>capabilities (tactical)</i> of the FPD? | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| <input type="checkbox"/> Has this fire exceeded the <i>capacity (financial expense)</i> of the FPD? | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| <input type="checkbox"/> Has/will this fire exceed normal <i>Mutual Aid</i> agreements? | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| <input type="checkbox"/> Is there a need for <i>County or State Resources (Type 3 team/aviation)</i> ? | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| <input type="checkbox"/> Is <i>Delegating Authority</i> on-scene? | <input type="checkbox"/> NO | <input type="checkbox"/> YES |

LOCAL COST SHARE AGREEMENT

Incident Name: _____

Date and Time: _____

Jurisdictional Responsibility: _____

This cost share agreement is between Boulder County
and _____

Agency Representatives participating in the development and approving of the cost share agreement:

Agency:	Agency:	Agency:
Name:	Name:	Name:
Title:	Title:	Title:
Date:	Date:	Date:

It is hereby agreed that the cost basis on the _____ incident will be shared as follows:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

_____ Date: _____

Jurisdictional Authority Signature

_____ Date _____

Sheriff or Designee's Signature

ASSUMPTION OF CONTROL

I. ASSUMPTION OF CONTROL

Defined: The Local Fire Protection District/Authority/Department may delegate the assumption of fire control and fiscal management for a specific fire.

A. Authority for controlling the _____ Fire burning in _____ Fire Protection District is to be assumed by Boulder County.

B. Delegation of authority is for the fire area ("box") defined as:

_____ and will become effective at _____ hours on _____, 20__ and is acceptable to signatory parties below.

II. PAYMENT OF COSTS INCURRED

A. Boulder County is responsible for costs incurred for the following:

- Suppression, control and containment of the fire.
 - Evacuations and closures
 - Media and public information
 - Technical rescues within fire perimeter
- _____

B. The Fire Protection District is responsible for costs incurred for the following:

- Jurisdictional fire suppression resources
 - Medical, all-hazards and all standard fire and rescue services typically provided outside fire area
- _____

Date:

Jurisdictional Authority Signature

Date:

Sheriff or Designee's Signature

CURRENT SITUATION AND STATUS REPORT

- IncidentName_____
- Incident Type_____
- Location_____
- Ownership_____
- Jurisdiction_____
- Size_____
- Number of engines_____
- Number of firefighters_____
- Number of aircraft_____
- Type and Kind of aircraft_____
- Resources ordered_____
- Structures lost_____
- Structures threatened_____
- Infrastructure damaged or destroyed_____
- Infrastructure threatened_____
- Number of evacuations_____
- Estimated current cost_____
- Current weather conditions_____
- Predicted weather conditions_____
- Communication issues_____
- Special hazards or concerns_____

NOTES

NOTES

LOCAL DELEGATION OF AUTHORITY

As of (Date) _____ (Time) _____, Sheriff Joe Pelle has delegated authority and responsibility of managing the _____ Fire, burning in Boulder County within the _____ Fire Protection District(s), to Incident Commander _____ and his Incident Management Team.

This delegation includes the authority to obligate agency funds necessary to pay for controlling this fire. It also includes the responsibility to contain the fire as rapidly as possible in a safe and cost-effective manner.

As Incident Commander, you are accountable to Boulder County for the overall management of this incident including its control and return to local forces. You are expected to adhere to relevant and applicable laws, policies, and professional standards.

The considerations for management of this fire are:

1. The Agency Administrator is Sheriff Joe Pelle and the Agency Representative(s) will be _____
2. Evacuations and closures will be managed by the Boulder County Sheriff's Office
3. Media and public information will be managed by Boulder County and your management organization is required to participate in the established joint information system.
4. It is preferred that local logistical resources are considered first when ordering.
5. The incident priorities include; _____

6. In the event of a transition to another management organization, your team will provide the most accurate and current information found in section H of this packet.
7. _____
8. _____
9. _____
- 10.

Delegated by:

Printed Name & Title	Agency Administrator Signature	Date	Time

Acceptance by:

Printed Name & Title	Incident Commander Signature	Date	Time

DFPC ASSUMPTION OF CONTROL

I. ASSUMPTION OF CONTROL

Defined: The County Sheriff may delegate the assumption of fire control and fiscal management for a specific fire. The County Sheriff retains statutory authority as defined in CRS 30-10-513.

A. Authority for controlling the _____ Fire burning in

_____ County, Section(s) _____, Township
_____, Range _____, is to be assumed by:

(Check One)

_____ County

Colorado Division of Fire Prevention and Control (DFPC)

B. Delegation of authority will become effective at 0600 hrs.
 1800 hrs. on _____, 20__
Date

End of operational period, identified as _____ hrs. on _____, 20__
Date

and is acceptable to signatory parties below.

II. PAYMENT OF COSTS INCURRED

A. The agency accepting this duty, _____, is responsible for
(COUNTY or DFPC)
costs incurred for the following:

B. The cooperating agency, _____, is responsible for costs incurred for the following: (COUNTY or DFPC)

The County agrees, in the event of a human caused fire, to conduct an investigation as to cause and provide Colorado Division of Fire Prevention and Control a copy of the preliminary investigation report within 30 days of control of the fire and a final report upon the conclusion of that investigation consistent with State Law.

COUNTY SHERIFF:

BOARD OF COUNTY COMMISSIONERS:

Name

Name

Title

Title

Date

Date

Time

Time

FOR DFPC:

Name

Title

Date

Time

DFPC DELEGATION OF AUTHORITY

As of (Time/Date) _____, I have delegated authority and responsibility of managing the

_____ Fire, burning in _____ County, to Incident

Commander:

_____ and his Incident Management Team.

IC Name

This delegation includes the authority to obligate agency funds necessary to pay for controlling this fire. It also includes the responsibility to contain the fire as rapidly as possible in a safe and cost-effective manner.

As Incident Commander, you are accountable to me for the overall management of this incident including its control and return to local forces. I expect you to adhere to relevant and applicable laws, policies, and professional standards.

My considerations for management of this fire are:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Delegated by:

Printed Name & Title	Agency Administrator Signature	Date	Time

Acceptance by:

Printed Name & Title	Incident Commander Signature	Date	Time

DFPC COMPLEXITY ANALYSIS GUIDELINE

How complex must a situation be in order to qualify for an Incident Management Team?

The following chart should be used as a guideline for deciding the level of incident management team needed for an incident.

It is designed to help analyze the complexity or predicted complexity of a given fire situation. Assumptions are:

1. When a fire escapes initial attack, it is automatically considered for an incident management team. A Type 4, Type 3, Type 2, or a Type 1 team should manage it, depending on complexity level.
2. As a fire situation becomes more complex, so does the need for a Type 1 team to handle a predicted Type 1 situation.

Instructions for using this guideline:

1. Carefully analyze each secondary element under the listed primary factors, and check response column either yes or no.
2. Decisions should be based on the number of yes answers under the primary factors. As a rule of thumb, if the majority of the seven primary factors have secondary elements answered with a "yes," the complexity is great enough to warrant a Type I effort. If the majority of the seven primary factors do not have two or more secondary elements answered with a "yes," the complexity should remain at the IMG or Type II level.

It should be emphasized that this analysis is based on predictions for the next burning period. Obviously, if the analysis is on the present situations and one of the primary factors is checked, a Type 1 situation already exists.

A.	SAFETY	Yes	No
1.	Fixed wing and helicopters both involved.	_____	_____
2.	More than one fuel type involved.	_____	_____
3.	Extended exposure to risk or unusually hazardous line conditions.	_____	_____
4.	Serious accident or fatality.	_____	_____
	Subtotal:	_____	_____
B.	MULTIPLE OWNERSHIPS	Yes	No
1.	Fire burning on more than one land ownership.	_____	_____
2.	Disputed fire responsibility/authority.	_____	_____

3. Potential for claims. _____

Subtotal: _____

C. PERSONNEL AND OTHER RESOURCES COMMITTED **Yes No**

1. 200 or more people per shift. _____

2. Two or more divisions. _____

3. Multi-support agencies involved. _____

4. Local resources (personnel and equipment) not available or in condition suitable for initial attack. _____

Subtotal: _____

D. CONTAINMENT COST **Yes No**

1. \$50,000 or more per day. _____

Subtotal: _____

E. FIRE BEHAVIOR

1. Flame length of 6 feet or greater. _____

2. Duration uncontrolled - 2 or more burning periods. _____

3. Severe or extremely variable topography. _____

4. 1 Hr. fuel moisture 5% or less. _____

F. Eye-level wind forecast greater than 20 mph. _____

G. Active crowning/spotting expected. _____

Subtotal: _____

H. CULTURAL RESOURCES **Yes No**

1. Urban interface. _____

2. Summer homes. _____

3. Other developments. _____

Subtotal: _____

I. POLITICAL PROBLEMS

- 1. Controversial fire policy. _____
- 2. Poor relationship between ownerships. _____
- 3. Pre-existing controversies. _____
- 4. Local organization unable to establish positive media relationships. _____

Subtotal: _____

GRAND TOTAL: _____

Recommended Management Level:

Total # of "Yes" answers: 0 - 2 Reinforced Attack
 3 - 7 Type 3 Incident Management Team or Type 4
 8 - 13 Type 2 Incident Management Team
 14+ Type 1 Incident Management Team

Note: Other considerations may influence decision on which Management Level team to request. If Management Level used is different than above indicates, use space below or back of this sheet for documentation.

DFPC ANALYSIS FORM

(Complete this form daily, as appropriate, based on the fire situation)

Date: _____ Time: _____ County: _____ Fire Name: _____

Location: Lat/Long _____ Legal: T _____ R _____ Section(s) _____

I. Resources	A	B	C	D
	CURRENT		PREDICTED	
	YES	NO	YES	NO
a. Has the normal mutual aid network been fully implemented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Has the County committed all of its wildland resources defined in the County operating plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Have aviation resources been ordered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Is the fire beyond the capability of local management team?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Is water supply limiting suppression efforts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Is there a need for Interagency Regional or National resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Is the availability of additional resources hampering suppression efforts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
II. Values at Risk	CURRENT		PREDICTED	
	YES	NO	YES	NO
a. Is the general public threatened?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Are structures threatened?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Are there unusually hazardous firefighting conditions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Are historical values at risk?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Does the fire involve mixed land ownership?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

f. Is critical infrastructure threatened?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
III. Fire Behavior	CURRENT		PREDICTED	
	YES	NO	YES	NO
a. Is fire behavior dictating an indirect control strategy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Is extreme fire behavior present?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Is the 1000 hour fuel moisture below 12%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Is the fuel type and condition conducive to rapid spread?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Is accessibility limiting suppression efforts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Is the rate of spread beyond the suppression capability of local resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Is fire burning on slope greater than 30%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IV. Fire Weather	CURRENT		PREDICTED	
	YES	NO	YES	NO
a. Are wind speeds greater than 20 mph?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Is the temperature above seasonal average for fire location?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Is the RH below 15%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Are there any critical fire weather events?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V. Other Considerations	CURRENT		PREDICTED	
	YES	NO	YES	NO
a. Are there political or economic concerns?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Are non-fire incidents occurring which have an impact on fire operations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

c. Is additional aviation management or oversight needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VI. Totals	A	B	C	D
Sub totals				

Current (A) ____ + Predicted (C) ____ = ____ . Current (B) ____ + Predicted (D) ____ = ____

To qualify for EFF or State financial assistance, answers must reflect a total local level commitment to the fire.

To qualify for EFF, total of Columns A + C must be equal to or greater than 35. If the incident does not qualify for EFF, DFPC may assist the County in seeking State financial assistance if available.

 Sheriff or Designee's Signature

 DFPC Director or Designee's Signature

DFPC DIRECTOR RESPONSE:

DFPC Fire Funding Request and Notification

Incident Information

Date of Fire Start:

Fire Name:

Fire Number:

Fire Location:

Jurisdictions Involved:

Cost Share in Place (Y/N):	Yes	No	If yes, please attach copy of cost share agreement
----------------------------	-----	----	--

Requesting Agency Information

Agency Name:

Requestor Name:

Requestor Title:

Hand crew Resources

Hand crew Used (Y/N):	Yes	No	If yes, provide information below
-----------------------	-----	----	-----------------------------------

If Hand crew used	Date(s) of Use:
-------------------	-----------------

Name of Crew(s) Assigned:

Resource Order #(s):

Resource Order Attached:	Yes	No
--------------------------	-----	----

Aviation Resources

Aircraft Used (Y/N):	Yes	No	If yes, provide information below for each aircraft
----------------------	-----	----	---

Date of Use:

Aviation Resource(s) Used:	Air Tanker	SEAT	Helicopter
----------------------------	------------	------	------------

Aircraft #1

Aircraft #2

Aircraft #3

Aircraft Assigned:

Aircraft Owner (if known):

Resource Order #:

Resource Order Attached:

Additional Information

DFPC FMO/Region:

County:

Date Submitted to DFPC:

LOCAL DISASTER EMERGENCY DECLARATION

Two (2) copies shall be sent to: Colorado Division of Emergency Management (DEM) 9195 East Mineral Avenue, Suite 200 Centennial, Colorado 80112 FAX (720) 852-6750 One (1) copy will be forwarded to the Governor by DEM

WHEREAS, Boulder County suffered or there is an imminent threat that Boulder County will suffer from widespread damage, injury or loss of life or property resulting from: _____

_____ which occurred (location) _____ at (date/time) _____

And

WHEREAS, the magnitude of responding to and recovery from the impact is far in excess of the County's available resources. Local Resources are currently fully engaged and will be exhausted.

NOW THEREFORE BE IT RESOLVED, there is hereby declared a local disaster emergency pursuant to § 24-32-2109, C.R.S., as amended.

DATED at _____ County, Colorado this _____ day of _____, 20____ at _____ A.M./P.M.

Agency Administrator _____

Agency _____

DISASTER DECLARATION AGREEMENT

Pursuant to C.R.S. 24-33.5- 709 a title 32 political subdivision of Government may declare a disaster by the principal executive officer. The declaring entity must demonstrate that ability to manage the disaster is exceeded in three areas; damage, resources and funding ability.

- (1) Provide damage reports that demonstrate severe impacts to life, property and critical infrastructure.
- (2) Demonstrate that available local resources are committed or exhausted.
- (3) Show immediate lack of ability to fund costs associated with the disaster or demonstrate exigency and imminent funding deficits due to the disaster response.

The declaring entity shall submit a disaster declaration form per the Emergency Operations Plan's requirement for the execution of a disaster declaration agreement. The disaster declaration agreement is the document that assesses the level of support needed to structure the agreement and cost share. The following form shall be completed and is the principle structure for completing a formalized written agreement document if required.

Entity Declaring a Disaster:

Event Name or Location:

Disaster Type:

Date:

Time:

Principle Executive Officer:

Sheriff:

OEM:

Cross Check on Resources

1. Declaring Agency's resources are committed Yes No
2. Local Mutual aid resources are exhausted Yes No
3. County provided contracted resources are deployed Yes No

IF 1 & 2 ARE NOT CHECKED YES, DO NOT PROCEED WITH THE DISASTER DECLARATION AGREEMENT.

Impacts

- Deaths Yes No Numbers_____
- Injuries Yes No Numbers_____
- Displaced residents Yes No Numbers_____
- Missing persons Yes No Numbers_____
- Animals injured or killed Yes No Numbers_____
- Homes destroyed Yes No Numbers_____
- Homes damaged Yes No Numbers_____
- Businesses destroyed Yes No Numbers_____
- Animals injured or killed Yes No Numbers_____
- Homes destroyed Yes No Numbers_____
- Farms and ranches damaged Yes No Numbers_____
- Livestock killed Yes No Numbers_____

Infrastructure Damage Assessment

Level 1	Off-line for long term
Level 2	Not working and repairs underway
Level 3	Damaged but operational

Road systems	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Sewer system	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Irrigation ditches	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Water treatment facility	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Water delivery system	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Natural gas delivery system	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Electrical grid	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Telecommunications system	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Governmental facilities	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Hospital facilities	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Long Term Care facilities	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Airport facilities	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Fire Stations	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Law enforcement facility	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Railways	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
Schools	<input type="checkbox"/> Damaged	<input type="checkbox"/> Destroyed	Level	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3

Resource Needs

Need Resource Mobilization resources	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Need Interagency resources	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Need private sector resources	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
PIO services	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Sheltering facilities	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Emergency animal sheltering	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Food / water resources	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Sanitation resource	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Security and site access control	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Road repair	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Medical Reserve Corps	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____
Transportation of victims	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> What _____	<input type="checkbox"/> Qty. _____

NOTES

RETURN OF DELEGATED AUTHORITY

TO COLORADO DIVISION OF FIRE PREVENTION AND CONTROL

Authority and responsibility for managing and controlling the _____ Fire burning within _____ County, Colorado, is hereby returned to Colorado Division of Fire Prevention and Control.

This transfer terminates the authority of the Incident Commander to obligate agency funds necessary to pay for controlling this fire, and terminates the Incident Commander's responsibility to manage the fire and resources assigned to the fire.

Other needs/constraints:

1. Promptly transition with in-coming and hold-over forces.
2. Briefing with new Incident Commander will be completed by effective date and time of this return as shown below.
3. Provide an IAP for next operational period upon request
- 4.

This transfer is effective on _____, 20____, at _____.
(Date) (Time)

Incident Commander

Incident Agency Administrator
Colorado Division of Fire Prevention and Control

LOCAL DELEGATION OF AUTHORITY

As of (Date) _____ (Time) _____, Sheriff Joe Pelle has delegated authority and responsibility of managing the _____ Fire, burning in Boulder County within the _____ Fire Protection District(s), to Incident Commander _____ and his Incident Management Team.

This delegation includes the authority to obligate agency funds necessary to pay for controlling this fire. It also includes the responsibility to contain the fire as rapidly as possible in a safe and cost-effective manner.

As Incident Commander, you are accountable to Boulder County for the overall management of this incident including its control and return to local forces. You are expected to adhere to relevant and applicable laws, policies, and professional standards.

The considerations for management of this fire are:

- 11. The Agency Administrator is Sheriff Joe Pelle and the Agency Representative(s) will be _____
- 12. Evacuations and closures will be managed by the Boulder County Sheriff's Office
- 13. Media and public information will be managed by Boulder County and your management organization is required to participate in the established joint information system.
- 14. It is preferred that local logistical resources are considered first when ordering.
- 15. The incident priorities include; _____

- 16. In the event of a transition to another management organization or jurisdiction, your team will provide the most accurate and current information found in section H of this packet.
- 17. _____
- 18. _____
- 19. _____

Delegated by:

Printed Name & Title Agency Administrator Signature Date Time

Acceptance by:

Printed Name & Title Incident Commander Signature Date Time

LOCAL RETURN OF DELEGATION AGREEMENT

As of the date identified on the signature page, management of the _____ Fire is delegated back to the _____ as a Type 5 complexity level incident. You have full authority and responsibility for managing the fire within your jurisdiction using the framework of laws, agency policy, and agency administrator direction.

Priorities

1. Protection of human life.
2. Protection of human improvements (structures) and natural resources.
3. Consideration for needs of the local residents and communities.

Management Objectives

1. Life safety shall take priority over acres burned in the strategic and tactical decisions.
2. Maintain or enhance relationships with private landowners, other agencies and elected officials as appropriate.
3. Provide access and support for rehabilitation efforts to natural resources

Planning

1. Limit number and duration of area closures. Maintain appropriate public access where the public is not at risk from fire operations and rehabilitation.

Operations

1. Structure protection is primarily the responsibility of the local jurisdiction.
2. Initial attack responsibility is restored to normal operating procedures.
3. The Boulder County Sherriff's Office Fire Duty Officer and Fire Management Program will provide mutual aid assistance at the discretion of the Chief or designee for public safety response.

Information

1. Provide for public information as appropriate or required.

End State: Continue to patrol and mop up the fire area. Provide for a date and time for the fire to be called officially "out". Support natural resource rehabilitation efforts across the entire fire area.

Effective date and time

This return delegation becomes effective at _____ hours on _____
(Date)

Jurisdictional Authority

Boulder County Sherriff's Office Designee

NOTES

APPENDIX

AIR RESOURCE ORDERING WORKSHEET

1. Air Resource Requested

- Single Engine Air Tanker
- Air Tanker 1 2 3
- Helicopter 1 2 3
- MMA
- COANG Blackhawk Chinook
- VLAT
- Other

2. Fire Location Latitude _____ Longitude _____

3. Ground Contact Frequency

- AG9 166.9125 (Primary)
- AG58 169.0875
- VFIRE21 154.280 156.7 tx guard

4. Ground Contact Identifier _____

5. Flight Hazards _____

6. Fire Name _____

7. Person authorizing the order:

FIRE MANAGEMENT (FDOs)

McKinney 6561 Koretz 6564 Buchanan 6563

BOULDER COUNTY SHERIFF'S OFFICE

Booton 1590 Rosales 1593 Pelle 501 Sloan 502 Sullenberger 503
Prentup 504 Williams 507 Wagner 509 Cullen 510 Parker 512
Enholt 511 Goldberger 508

OFFICE OF EMERGENCY MANAGEMENT

Chard Danzl Notbohm Bukartek

Contacts:

- Fort Collins Interagency Dispatch Center 970-295-6800
- Colorado Air National Guard (Immediate Response Authority) 720-250-1290 /720-250-1623
- Flight For Life-Fire Watch (Recon and lightning detection) 720-321-3900
- DFPC Multi-Mission Aircraft (MMA) 720-749-7685

ESCALATING INCIDENT PRE-ORDER

Aviation

- 1 Air Attack
- 2 SEATS
- 1 Type 1 Heavy Air tanker (ETA >4hrs exchange for 2 Type 2 Air tankers)
- 2 Type 2 Helicopters (ETA >2hrs exchange each for 1 Type 1 Helo or 2 Type 3 Helos)
- 2 Type 1 Helicopter or Helitanker (ETA >4hrs exchange each for 2 Type 2 Helo)

Ground Resources

- 4 Type 1 Hand crews – IHC's (UTF then fill with 2 Type 2IA Hand crews)
- 4 Type 2IA or Type 2 Hand crews (UTF then fill every 2 T2IA Hand crews with 1 T1 IHC)
- 2 Fire Dozers with qualified operators (any type)
- 10 Type 6 Engines
- 10 Type 3 Engines
- 5 Water Tenders (any type)

Overhead

- 4 DIVS
- 4 TFLD
- 2 SOFR
- 2 HEQB
- FSC (any type)

Medical

- 2 ALS Ambulances

Logistics

- 1 Fuel Tender – Unleaded
- 1 Fuel Tender – Diesel
- 150 MREs
- 20 cubies/20 cases bottle water
- 1 Camp crew/jail crew

LOCAL INCIDENT COMPLEXITY ANALYSIS

CURRENT INCIDENT TYPE 1 2 3 4 5

A. SAFETY

- 1. Fixed wing and helicopters both involved. Yes No
- 2. More than one fuel type involved. Yes No
- 3. Extended exposure to risk Yes No
- 4. Hazardous line conditions. Yes No
- 5. Serious accident or fatality. Yes No

Subtotal

B. MULTIPLE OWNERSHIPS

- 1. Fire burning on more than one land ownership. Yes No
- 2. Multiple fire responsibility/authority. Yes No

Subtotal

C. PERSONNEL AND OTHER RESOURCES COMMITTED

- 1. 150 or more people per shift. Yes No
- 2. Two or more divisions. Yes No
- 3. Multi-support agencies involved. Yes No
- 4. Local resources not available or in condition suitable for new initial attack. Yes No

Subtotal

D. CONTAINMENT COST

- 1. \$10,000 or more per day. Yes No

Subtotal

E. FIRE BEHAVIOR

- 1. Flame length of 6 feet or greater. Yes No
- 2. Duration uncontrolled - 1 or more burning periods. Yes No
- 3. Severe or extremely variable topography. Yes No
- 4. 1 Hr. fuel moisture 5% or less. Yes No
- 5. Eye-level wind forecast greater than 10 mph. Yes No
- 6. Active crowning/spotting expected. Yes No

Subtotal

H. WILDLAND URBAN INTERFACE

- 1. Residential homes Yes No
- 2. Utilities Yes No
- 3. Other developments and infrastructure. Yes No

Subtotal

I. POLITICAL AND SOCIAL

- 1. Media interest Yes No
- 2. Evacuations Yes No
- 3. Sheltering required Yes No

4. Multi-County

Yes No

Subtotal _____

GRAND TOTAL (YES): _____

Total # of "Yes" answers:

0 - 4 Reinforced Attack

5 - 7 Type 3 Incident Management Team

8 - 13 Type 2 Incident Management Team

14+ Type 1 Incident Management Team

Recommended Management Level:

Type 1 2 3

LOCAL AGENCY CAPACITY AND CAPABILITY ANALYSIS

		Current		Predicted	
		A	B	C	D
Resources					
1.	Has the normal mutual aid network been fully implemented?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.	Are all Jurisdiction resources committed/en route?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3.	Is air support required?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.	Is the fire beyond the capability of Jurisdiction?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
5.	Is there an inadequate water supply?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
6.	Is there a need for county or state resources?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
7.	Is the availability of additional resources hampering suppression efforts?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Subtotal

Risk Factors					
1.	Is there a threat to public at large?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.	Are structures threatened/involved?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3.	Are there unusually hazardous firefighting conditions?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.	Is there an aviation resource safety problem?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
5.	Are historical values at risk?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
6.	Does the fire involve mixed land ownership?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Subtotal

Fire Situation					
1.	Are flame lengths in excess of 4 ft.?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.	Is torching/crowning occurring?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3.	Is the 1000 hour fuel moisture below 12%?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.	Is the fire burning in an extreme fuel type?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
5.	Is the fire inaccessible by ground in one hour?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
6.	Is the rate of spread beyond suppression capability?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Subtotal

Fire Weather					
1.	Is wind a critical factor in fire behavior?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.	Is temperature a critical factor in fire behavior?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3.	Is RH below 20%?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.	Are there T-storms/fronts?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Subtotal

Other Considerations					
1.	Are there existing political problems?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.	Are non-fire incidents occurring which have an impact on fire operations?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Subtotal

Totals

Current (A) _____ + Predicted (C) _____ = _____
Current (B) _____ + Predicted (D) _____ = _____

*To be considered for County Assistance, questions must reflect a total local level commitment to the fire. Total of Columns A + C must be equal to or greater than 32 (67%).

_____ Date: _____

_____ Date: _____

Jurisdictional Authority Signature

Sheriff or Designee's Signature

Turn Back Standards

Suppression repair is the responsibility of the Incident Management Team (IMT). An inventory of ground disturbance from fire suppression activities will be tracked and documented on a map provided by the plans staff via GPS and GIS. This information will include items such as roads, constructed lines, water sources, spike camps, helispots, etc. and will include identified areas damaged during suppression activities (i.e. fences and roads needing repair, areas needing water bars, damaged culverts, water lines, as well as other range improvements, etc.).

Mop-Up Standards

1. For mop-up, limit exposure and associated risk by confining mop-up to the fire perimeter only. Mop-up only to a distance which minimized the potential for spread or spotting, by considering fuel height, slope, burn intensity (consumption), risk and exposure.
2. Fall only snags or trees which provide a source of fire spread, interfere with access, or pose an immediate hazard to firefighters or the public. Trees which are felled should be limbed unless they conflict with the above criteria.
3. For burned areas adjacent to homes and structures mop-up and remove fire related hazard within 300 feet if risk is acceptable.

Suppression Repair Guidelines

General

1. Suppression Repair is the work required to restore or mitigate impacts caused by firefighting actions, is funded by the fire job codes, and will be included in the cost share agreement.
2. All areas needing fire suppression repair work will be mapped and identified (as stated above).
3. Repair work will include disturbed areas such as: firelines, safety zones, drop points, camps, helicopter bases, water-drafting sites, and established roads that have been used as fuel breaks.
4. Remove signs, flagging, garbage, and other materials from all staging areas and drop points.

Fireline

1. Construct water bars at a 30 to 45 degree angle to the fireline.
2. Assure the down slope end of each water bar is open and has adequate length to prevent runoff from reentering the control line below.
3. On slopes less than 15%, space water bars every 100'. On slopes of 15-30%, space water bars 50' apart and on slopes greater than 30%, space 25' apart.

Roads and Culverts

1. Operations will check and map any culverts, other drainage structures, ditch lines, and roads damaged by suppression activities.
2. Repair any roads, culverts, other drainage structures, and ditch lines that have been impacted by suppression activity.

Special Emphasis Areas

1. Cultural Resources: Report and avoid any cultural resources discovered during suppression repair activities. No repair of mechanical or other human disturbances shall occur until the Resource Advisor (READ) has given clearance to do so. The READ will provide a map to the IMT of areas to protect (ATP's).
2. Riparian zones: Repair areas and restore drainage where suppression activities impacted riparian zones, including crossings and water impoundments.

<i>1</i>
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